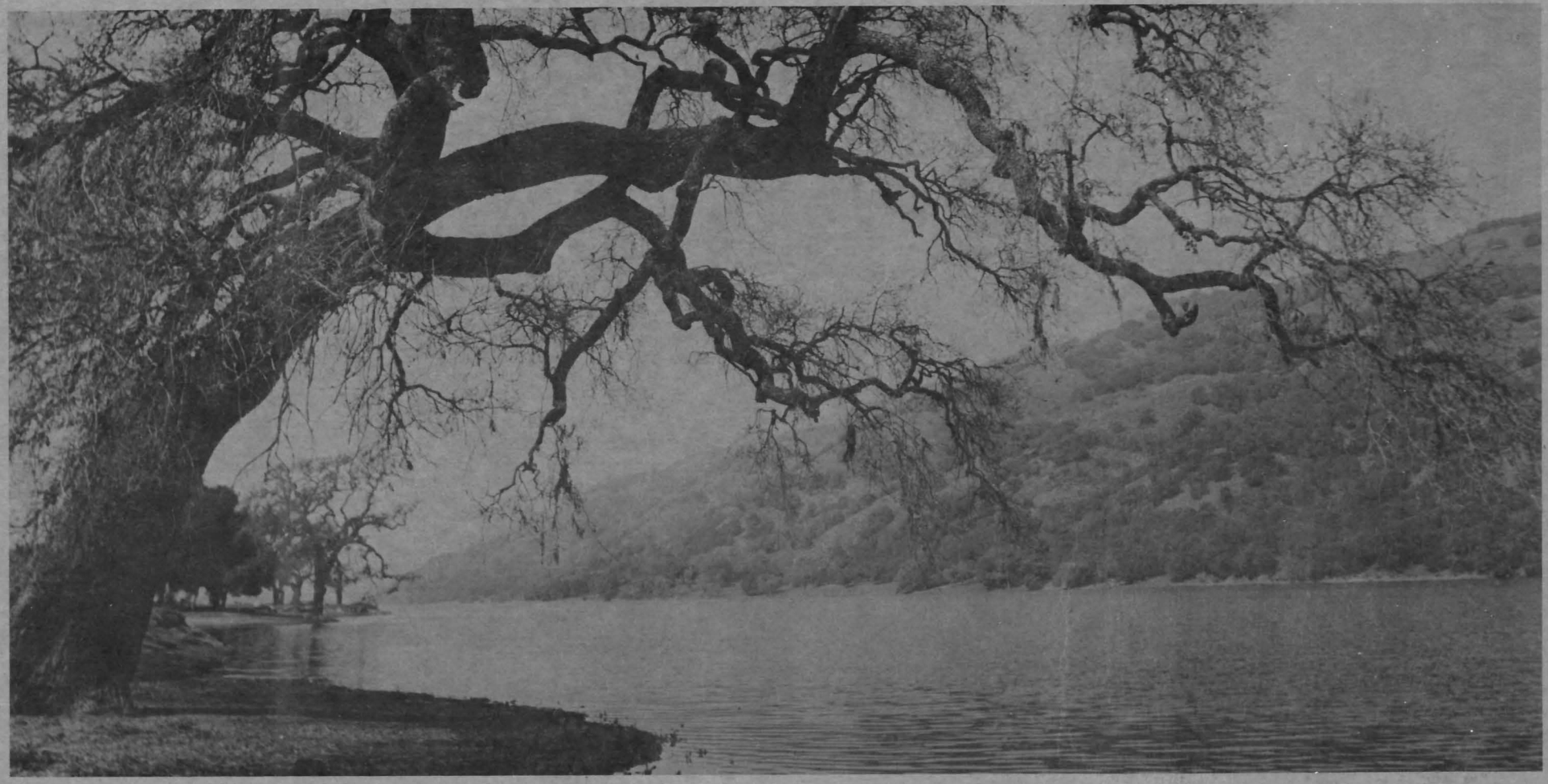
FINAL BUDGET
1984-85



Santa Clara Valley Water District

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HD1695S383B821984/85c.1

SUBMITTED BY: John T. O'Halloran
General Manager

BOARD OF DIRECTORS
Robert W. Gross, Chairman

Joe Donohue
Patrick T. Ferraro
Audrey H. Fisher
James J. Lenihan
Joe Pandit
Sig Sanchez

June 5, 1984

Honorable Board of Supervisors
County of Santa Clara
County Government Center, East Wing
70 West Hedding Street
San Jose, CA 95110

Dear Board Members:

Transmitted herewith is the Requested Santa Clara Valley Water District Budget for fiscal year 1984-85. It is presented in the same order and concise format as in previous years. This budget sets forth minimum expenditure levels considered necessary for flood control, water utility and general operations of the District.

A Taxation Initiative Constitutional Amendment will be submitted to the electorate in November 1984. If this is approved by the voters and passes any subsequent court tests, the District revenues would be reduced and portions of past tax revenues would have to be reimbursed. Since this is pending, we have estimated the potential loss and have set this amount up as a Special Contingency Appropriation. This is explained in greater detail in the General Information Section of this budget. As provided in the initiative, Benefit Assessment revenue would be applied to construction projects.

The Benefit Assessment Program has been in effect since July 1, 1981. The election of June 8, 1982 authorized this program to continue through June 30, 1992. It has provided additional critically needed funding to achieve standards of safety and operational effectiveness in providing flood protection within Santa Clara County. The benefit assessments are authorized by and in compliance with Government Code 60600 et seq.

The flood control planning and implementation are based on priorities and programs developed with the assistance of Flood Control Zone Advisory Committees. This budget provides an appropriation of about $35.8 million to perform planning, construction and maintenance of projects in this fiscal year. Funding in the South Zone is still very limited and is primarily dependent on Federal Programs and subventions from State Agencies. In fiscal year 1982-83, the Board authorized continuing loan advances from the District Fund, subject to a maximum limit of $2.2 million. As shown in this budget there is only $208,000 of that amount which has not been transferred. Claims totaling $1.4 million have been submitted to the State of California in connection with the Upper and Lower Llagas Creek Projects. Only $419,000 has been approved for payment and included in this budget as estimated revenue to the South Flood Control Zone.

The East Zone has now reached a critical funding condition with only an estimated $50,000 to begin this new fiscal year. A District loan in the near future may be required to maintain the solvency of the East Zone Fund until tax apportionments are received.

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Maintenance was performed at a very high level during 1983-84 to minimize potential damage if winter storms repeat as in the two previous years. We are continuing our efforts to improve our flood forecasting ability in order to be able to optimize flood control and prevention with the financial resources available.

The Board authorized the sale of remaining Water Revenue Bonds, totaling $33 million in April 1984. These funds along with funds presently on hand and additional revenues anticipated for fiscal year 1984-85 will permit continued development of the water utility system. The planning effort includes improvements to Anderson Dam and Reservoir, completing the engineering of the Calero Pipeline, preparing plans for the Snell Pipeline and alternative site relocation of the Penitencia Water Treatment Plant. Construction includes continued work on raw water and treated water pipelines, the Maple Avenue Recharge Facility and beginning development of the Santa Teresa Water Treatment Plant.

To finance the ongoing operation and maintenance and the improvements to the Water Distribution System, the requested 1984-85 budget reflects an increase in the basic user rates of $5 per acre-foot for municipal and industrial use and $1.25 per acre-foot for agricultural use. This increase in user rates was recommended by the District's Water Commission, the Agricultural Water Advisory Committee and the District's Retail Water Agencies and was adopted by the Board to be effective July 1984. Also, as in past years, in accordance with District policy an ad valorem real property tax in the amount of $4,593,000 will be levied under Article XIIIA, Section 1(b) of the California Constitution to meet a portion of the District's State Water Project contract obligations.

More detailed information on the proposals in this budget will be found in narrative form preceding each section.

Sincerely,

Robert W. Gross, Chairman
Board of Directors

S4L4041

SANTA CLARA VALLEY WATER DISTRICT
1984-85

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GENERAL INFORMATION

To finance its activities, the District has been divided into zones of benefit. Five of these zones support flood control activities. The boundary of each zone is described at the beginning of its Budget Summary. Other zones have been established for District administration and to provide financing for the conservation, distribution, reclamation, hydroelectric generation, and treatment of local and imported water.

Ad valorem tax allocations from the Countywide property tax and benefit assessment revenues finance the expenditures of each Flood Control Zone. The expenditures within each zone for all programs are presented on the program summary sheets within each zone budget.

Budgeting for the Water Utility is accomplished on an enterprise fund basis. Water supply activities are partially financed by an allocation of the Countywide tax to pay for the cost of import facilities and for the recreational benefits derived from the District's reservoirs. The major sources of water supply income are a charge levied on all groundwater extracted within Zone W-2 of the District and from the sale of treated water. Other sources of revenue result from a tax allocation to Zones W-3 and W-4, from the sale of surface-delivered untreated water, and reclaimed water.

The District receives a small Countywide administration tax allocation to purchase fixed assets such as office equipment and to fund general governmental costs required in the overall operation of the District.

BUDGETING PROCESS

The budget is prepared as a cooperative effort by all organizational units and reviewed by a Budget Committee. Responsibility is established for every project in each program. Each work effort is defined by Project Coordinators and each participating organizational unit budgets the items necessary for its successful completion.

Each activity of the District can be related to one of several financial accounting units known as "cost centers". Within each cost center, subgroupings of related activities are determined and called programs; an analysis of the major programs would show the following allocation of activities:

PLANNING — includes all labor and contractual services on projects up to the final design activity which is included in the Construction Program. Planning includes all planned studies, the preparation of hearing plans, and certain special studies.

CONSTRUCTION — includes all labor, use or purchase of equipment and contractual services which result in the completion of a project, a substantial improvement to the life or value of a physical project or the acquisition of a new physical asset.

MAINTENANCE — includes all work performed on District projects, facilities or equipment which result in maintaining constructed works or equipment in operating condition.

OPERATIONS includes all work performed in the release, diversion, treatment, reclamation or transportation of water in or through channels or pipelines, ongoing application of District ordinances and land ownership management.

ADMINISTRATION includes all labor and contractual services required in the administration of a cost center.

MAJOR PROJECTS PROPOSED FOR 1984-85

This section will highlight the major projects proposed for 1984-85. It should be noted, however, that all projects in the Planning and Construction Programs are explained within each cost center. Included at the end of each section is a listing of each project showing the amount budgeted for each program.

PLANNING Work within this program provides coordinated studies and planning activities to support the needs of the cost center. Also included in this program is labor to support the Planning Program for surveying, right of way engineering, and technical services. Major planning studies for the 1984-85 fiscal year are:

Cost Center	Project Title	Page No.	Cost
Allocated	Waterways Planning Study - Phase I	13,18,23,28,33	$39,020
Allocated	Investigation of Disposal & Storage Sites	13,18,23,28, 33,51	37,883
Northwest	Waterways Planning Study - Phase II	13	29,875
Northwest	Adobe Creek	13	52,645
Northwest	Matadero Creek	13	125,619
Northwest	Permanente Creek Sedimentation Study	14	33,775
North Central	Waterways Planning Study - Phase II	18	29,353
North Central	Calbazas Creek	18	95,173
Central	Waterways Planning Study - Phase II	23	41,149
Central	Guadalupe River	23	304,949
East	Penitencia Creek Upper	28	58,061
Source of Supply	Saltwater Intrusion Study	42	167,742
Source of Supply	Federal Water Project	43	45,596
Source of Supply	Anderson Dam and Reservoir	43	293,924
Raw Water T&D	Calero Pipeline	46	132,863
Raw Water T&D	Los Capitancillos Percolation System	47	28,517
Water Treatment	Penitencia Water Treatment Plant	51	66,367
Water Treatment	Santa Teresa Water Treatment Plant	51	85,494
Treated Water T&D	Snell Pipeline	56	228,649
Admin. & General	Financial and Cash Flow Study	59	170,149
Admin. & General	Annual Wtr. Supply Balance	59	33,286

Admin. & General	Water Resouces Master Planning	60	220,172
Admin. & General	Water Quality Studies	60	190,375

CONSTRUCTION

The capital improvements budgets include the following major improvements to be initiated or completed in 1984-85. Details may be reviewed within the individual cost center texts.

Cost Center	Project Title	Page No.	Cost
Allocated	Treated Water Control System Replacement	52,56	$686,458
Northwest	Adobe Creek	14	427,993
Northwest	Permanente Diversion Channel	14	1,388,102
Northwest	Stevens Creek	14	482,010
Northwest	Palo Alto Flood Basin	14	805,159
North Central	Saratoga Creek	19	1,040,849
Central	Alamitos Creek	24	282,194
Central	Guadalupe River	24	18,228,928
Central	Lower Coyote Creek	24	4,504,572
East	Silver Creek Lower	29	470,899
East	Penitencia Creek Lower	29	359,671
South	Lower Llagas Creek Watershed Project	34	445,865
Source of Supply	Anderson Dam & Reservoir	44	140,969
Source of Supply	Coyote Dam & Reservoir	44	1,383,952
Raw Water T&D	Penitencia Force Main	47	411,046
Raw Water T&D	Almaden Valley Pipeline	47	755,489
Raw Water T&D	Calero Pipeline	48	280,491
Raw Water T&D	Cross Valley Pipeline	48	448,537
Raw Water T&D	Anderson Force Main	48	455,128
Raw Water T&D	Maple Avenue Recharge Facility	48	1,526,750
Water Treatment	Santa Teresa Water Treatment Plant	52	1,229,181
Treated Water T&D	West Reservoir	56	145,682
Treated Water T&D	Santa Teresa Tunnel	56	315,052
Treated Water T&D	Penitencia Delivery Main	56	143,214
Treated Water	Snell Pipeline	57	759,794

MAINTENANCE & OPERATIONS

Projects within these programs provide for the operations and maintenance of all facilities and equipment for the Flood Control Zones and Water Utility Enterprise. A computerized system will be developed to provide planned maintenance based on a scheduled work order system. The benefits will apply District-wide and an amount is allocated to the major Cost Centers in the budget.

ADMINISTRATION

Work within this program provides a focal point to capture administrative support including District labor and contractual services which benefit the entire cost center and are not allocable to any individual project. Included are costs for insurance and a general cost center support project.

TAXATION INITIATIVE (JARVIS)

A Taxation Initiative Constitutional Amendment, amending Article XIIIA, will be on the November 1984 ballot. If the initiative passes, there will be a reduction in tax revenues apportioned to each Flood Control Zone, the Water Utility and the District Cost Center. Because the outcome is not determinable prior to adoption of this budget, the following alternative procedure is being used in the 1984-85 proposed budget.

A calculation of the estimated tax revenue loss has been made and is shown on the OUTLAY SUMMARY, page 10. This calculation titled "Special Contingency Appropriation", appears on the page immediately following the regular contingency appropriation line. Estimated tax revenues listed in the budget are calculated on the basis that there would be no impact upon them by passage of a tax initiative in November.

If the initiative passes, these Contingency Appropriations would be reduced by the amount of the tax revenue loss and an identical amount would be deducted from tax revenues, thereby maintaining the budget in balance.

If the initiative fails, these Contingency Appropriations would be deleted and the amount would be added to specific projects in the Construction Program. The specific projects that would be adjusted are:

NORTHWEST ZONE	
Adobe Creek	$360,959
NORTH CENTRAL ZONE	
Saratoga Creek	$437,936
CENTRAL ZONE	
Guadalupe River	$553,388
EAST ZONE	
Coyote Creek	$440,899
SOUTH ZONE	
Uvas-Carnadero Creek	$79,817
WATER UTILITY	
In-County Distribution System Appropriation	$1,025,313
DISTRICT COST CENTER	
Inter-Fund Loan Appropriation	$267,891

DISTRICT SALARIES AND STAFFING

The following presents a comparison of actual salaries for fiscal year 1982-83, those approved in fiscal year 1983-84, and those requested for fiscal year 1984-85.

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Permanent Position Salaries	$8,085,204	9,044,221	9,289,181	9,665,268
Overtime Salaries	317,294	326,682	396,568	411,189
Total	$8,402,498	9,370,903	9,685,749	10,076,457

The following presents a comparison of the District staff for the previous year, current year and that requested for the new fiscal year. Salaries for temporary employees are being administered by employment agencies.

	1982-83	1983-84	Approved During 1983-84	New Position Requests	1984-85 Planned Staffing
General Manager	9	9			9
Clerk of the Board	12	12		1	13
Administration and Finance	45	43		1	44
Water Supply	36	34	1	2	37
Flood Control	70	68	2	1	71
Operations and Maintenance	122	127		2	129
Total Authorized Positions	294	293	3 (a)	7 (b)	303 (c)

(a)Approved during 1983-84:

The Water Supply Unit:

1 An Associate Civil Engineer (Approved by Res. 83-51 on 9/13/83)

The Flood Control Unit:

1 Jr./Assistant Civil Engineer (Approved by Res. 83-51 on 9/13/83)
1 An Associate Civil Engineer (Approved by Res. 84-13 on 1/31/84)
1 Engineering Technician III/Land Surveyor (Approved by Res. 84-13 on 1/31/84)
-1 Survey - Right of Way Engineer (Approved by Res. 84-13 on 1/31/84)

2

(b) New Positions Requested:

The Clerk of the Board Unit Requests:

1 A Central Records Clerk I/II is needed to support the Records Management System and to accommodate the increased workload caused by heavy demand for running maps and expanding use of the phote file system.

The Administration and Finance Unit Requests:

1 A Computer Control Clerk is requested to provide support to the programming staff. This postion has been filled by temporary help for the last five years. With the increased work of benefit assessment and monitoring wells and the proven past need, this position should be made a permanent part-time position. It has been budgeted at 75% of full time in 1984-85.

The Water Supply Unit Requests:

1 A Programmer I/II is needed full time to replace temporary and consultant work. This position will relieve the load on the single System Analyst in supporting users of the District's expanded computer system so that programming support is provided on a timely basis.

1 A Data Entry Operator I/II is needed as a permanent part-time position to provide timely data entry service for users of the District's computer center and replaces an equal amount of temporary help used continuously for the past five years.

2

The Flood Control Unit Requests:

1 A Jr./Assistant Civil Engineer is budgeted for the Design Division to provide greater in-house design capability and less dependence on consultant services.

The Operations and Maintenance Unit Requests:

1 A Jr./Assistant Civil Engineer is needed to review proposed District or private section improvement work, to make necessary engineering analyses of our facilities and to prepare engineered plans for routine maintenance project work.

1 An Equipment Mechanic II is needed to maintain the District's vehicle fleet, heavy equipment and support equipment. This will reduce the amount of contract service presently used to maintain the equipment at a satisfactory level and increase the amount of time equipment is available for productive work.

2

(c) 293 (+) 3 previously approved (+) 7 requested = 303

SANTA CLARA VALLEY WATER DISTRICT
COMPARATIVE BUDGET
REVENUE

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Balance Beginning of Year	$68,768,857	68,844,364	103,900,000	104,394,910
Revenue Sources				
Property Taxes				
Secured	15,279,362	15,388,592	16,328,905	16,164,188
Unsecured	1,777,443	2,049,698	1,892,195	1,832,902
Delinquent	1,381,207	810,690	1,202,100	1,202,100
Interest	10,233,197	6,935,138	12,241,455	12,241,455
Agreements & Advances				
District Loan	1,059,344	956,800	508,800	508,800
Property Rentals	172,532	144,800	201,150	201,150
Bureau of Reclamation			1,002,000	1,002,000
East Bay Municipal Utility District	25,000			
El Camino Hospital	92,842	93,000		
A. B. A. G.				
City of Gilroy	55,442	53,859	52,697	52,697
Gavilan WCD	33,507	33,118	33,118	33,118
NASA-Ames	707,943			
Grants		549,527		
McKesson Chemical	31,649			
Loma Prieta R.C.D.	500	500	500	500
State Water Resources Control Board			70,000	70,000
Regional Water Quality Control Board			40,000	40,000
Public Employees Retirement	312,600			
City of Palo Alto			54,000	54,000
Other	3,679		419,464	419,464
Groundwater Charges	9,965,833	10,940,223	12,599,391	12,599,391
Surface Water Charges	141,867	149,500	90,000	90,000
Treated Water Charges	9,470,277	11,105,445	11,457,535	11,457,535
Reclaimed Water Charges	6,010	31,460	13,000	13,000
Sale of Assets	191,380	25,200	60,200	60,200
Assessment	6,585,588	6,904,695	6,951,000	6,951,000
Miscellaneous	88,306	78,100	176,400	176,400
Total Revenue	57,615,508	56,250,345	65,393,910	65,169,900
Inter-Fund Adjustments	534,110	549,695	605,380	584,960
Total	$126,918,475	125,644,404	169,899,290	170,149,770

SANTA CLARA VALLEY WATER DISTRICT
COMPARATIVE BUDGET

OUTLAY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
District Labor & Overhead	$ 11,295,662	12,601,752	14,014,094	14,014,094
Contract Services	13,796,873	55,320,368	50,380,454	50,380,364
Land & Structures	12,713,804	7,817,675	5,545,275	5,545,275
Equipment	225,639	1,498,831	1,713,768	1,713,768
Subtotal	38,031,978	77,238,626	71,653,591	71,653,501
Loans				
District	1,059,344	956,800	508,800	508,800
Other	62,500			
Debt Service	5,898,000	5,845,542	9,388,913	9,389,003
Inter-Fund Adjustment	564,554	549,695	605,380	605,380
Total Expenditures	45,616,376	84,590,663	82,156,684	82,156,684
Replacement Appropriation		3,389,974	3,514,295	3,400,935
Major Facility Appropriation		3,037,290	3,000,390	4,016,280
In-County Distribution System Approp.		29,453,051	72,879,234	72,261,023
Inter-Fund Loan Appropriation		2,222,426	2,261,484	2,227,645
Contingency Appropriation		2,951,000	2,921,000	2,921,000
*Special Contingency Appropriation			3,166,203	3,166,203
Total Appropriated	45,616,376	125,644,404	169,899,290	170,149,770
Balance End of Year	81,302,099			
Total	$126,918,475	125,644,404	169,899,290	170,149,770

*Appropriation contingency to be used to offset reduced tax revenues should the Taxation Constitutional Amendment (Jarvis), amending Article XIIIA pass on the November 1984 ballot. Should the Taxation Initiative fail, these appropriations will be re-apportioned to projects listed in the General Information Section, page 4.

SANTA CLARA VALLEY WATER DISTRICT
DETAIL OF BUDGET 1984-85

REVENUE SUMMARY

	FLOOD CONTROL ZONES					WATER		EQUIP. WORK	
	Northwest	No. Central	Central	East	South	UTILITY	DISTRICT	CAP. FUND	TOTAL
Balance Beginning of Year	$2,631,554	1,535,839	20,532,862	414,364		75,653,332	2,669,899	957,060	104,394,910
Revenue Sources									
Property Taxes									
Secured	1,068,270	1,418,323	1,512,591	1,462,253	256,629	9,631,120	815,002		16,164,188
Unsecured	162,839	226,156	270,986	251,845	39,379	746,737	134,960		1,832,902
Delinquent	72,000	100,000	118,000	109,000	12,000	731,100	60,000		1,202,100
Interest	420,220	265,480	2,205,680	78,565		8,751,720	391,640	128,150	12,241,455
Agreements & Advances									
City of Palo Alto	54,000								54,000
Loan					208,800		300,000		508,800
Property Rental	155,000	5,000	35,000	5,000	500	650			201,150
Bureau of Reclamation						1,002,000			1,002,000
D.W.R. Reimbursement					419,464				419,464
Gavilan WCD					5,000	28,118			33,118
Loma Prieta R.C.D.					500				500
City of Gilroy						52,697			52,697
State Water Resources Control Board						70,000			70,000
Regional Water Quality Control Board						40,000			40,000
Groundwater Charges						12,599,391			12,599,391
Surface Water Charges						90,000			90,000
Treated Water Charges						11,457,535			11,457,535
Reclaimed Water Sales						13,000			13,000
Sales of Assets								60,200	60,200
Assessment	1,123,000	1,827,000	2,124,000	1,555,000	322,000				6,951,000
Miscellaneous	48,550	1,720	31,700	3,240	10,340	12,600	68,250		176,400
Total Revenue	3,103,879	3,843,679	6,297,957	3,464,903	1,274,612	45,226,668	1,769,852	188,350	65,169,900
Inter-Fund Adjustment:									
Equipment W.C.F.								584,960	584,960
Land Use Review/Admin. Contribution	(154,464)	(206,782)	(225,404)	(216,101)	(36,511)		839,262		
Land Use Review/Admin. Reimbursement	142,922	166,270	186,588	179,666	163,816		(839,262)		
Total	$ 5,723,891	5,339,006	26,792,003	3,842,832	1,401,917	120,880,000	4,439,751	1,730,370	170,149,770

S4B4041a (06/26/84)

SANTA CLARA VALLEY WATER DISTRICT
DETAIL OF BUDGET 1984-85

OUTLAY SUMMARY

	FLOOD CONTROL ZONES					WATER		EQUIP. WORK	
	Northwest	No. Central	Central	East	South	UTILITY	DISTRICT	CAP. FUND	TOTAL
District Labor & Overhead	$ 1,157,100	966,777	1,409,917	828,685	877,390	7,871,444	478,503	424,278	14,014,094
Contract Services	2,829,081	2,077,484	21,002,444	1,105,019	77,749	22,652,577	192,800	443,210	50,380,364
Land & Structures	395,975	51,700	2,601,500	113,250		2,349,850	33,000		5,545,275
Equipment						709,335	509,474	494,959	1,713,768
Subtotal	4,382,156	3,095,961	25,013,861	2,046,954	955,139	33,583,206	1,213,777	1,362,447	71,653,501
Loans									
District				300,000			208,800		508,800
Debt Service	213,919	738,415				8,436,669			9,389,003
Inter-Fund Adjustment	59,651	76,146	78,860	76,762	41,546	232,275	21,638	18,502	605,380
Total Expenditures	4,655,726	3,910,522	25,092,721	2,423,716	996,685	42,252,150	1,444,215	1,380,949	82,156,684
Replacement Appropriation						3,101,514		299,421	3,400,935
Major Facilities Appropriation	697,206	980,548	1,045,894	968,217	324,415				4,016,280
In-County Distribution Sys. Approp.						72,261,023			72,261,023
Inter-Fund Loan Appropriation							2,227,645		2,227,645
Contingency Appropriation	10,000	10,000	100,000	10,000	1,000	2,240,000	500,000	50,000	2,921,000
*Special Contingency Approp.	360,959	437,936	553,388	440,899	79,817	1,025,313	267,891		3,166,203
Total Appropriated	5,723,891	5,339,006	26,792,003	3,842,832	1,401,917	120,880,000	4,439,751	1,730,370	170,149,770
Balance End of Year									
Total	$ 5,723,891	5,339,006	26,792,003	3,842,832	1,401,917	120,880,000	4,439,751	1,730,370	170,149,770

*Appropriation contingency to be used to offset reduced tax revenues should the Taxation Constitutional Amendment (Jarvis), amending Article XIIIA pass on the November 1984 ballot. Should the Taxation Initiative fail, these appropriations will be re-apportioned to projects listed in the General Information Section, page 4.

STATUS OF BONDED INDEBTEDNESS

	Total Amount Sold	Date of Issue	Average Interest Rate	Outstanding as of 6/30/84	1984-85 Redemption Principal	1984-85 Redemption Interest	Total
Northwest Zone							
Series A	$ 2,625,000	1/1/57	3.466%	$ 425,000	100,000	13,408	113,408
Series B	2,304,000	7/1/58	3.330%	429,000	90,000	10,511	100,511
	4,929,000			854,000	190,000	23,919	213,919
North Central Zone							
Series A	4,000,000	1/1/64	3.383%	1,910,000	160,000	56,655	216,655
Series B	5,000,000	7/1/65	3.320%	2,535,000	185,000	74,147	259,147
Series C	3,750,000	8/1/73	5.492%	3,080,000	90,000	172,613	262,613
	12,750,000			7,525,000	435,000	303,415	738,415
Water Utility							
Series A	15,500,000	1/1/64	3.463%	9,240,000	360,000	334,783	694,783
Series B	14,200,000	6/1/66	3.885%	10,900,000	280,000	427,969	707,969
Series C	3,500,000	8/1/68	4.834%	2,825,000	60,000	134,869	194,869
Series D	8,850,000	3/1/72	5.285%	7,785,000	125,000	422,395	547,395
	42,050,000			30,750,000	825,000	1,320,016	2,145,016
Revenue Bonds							
Series B	21,000,000	4/1/80	9.447%	19,110,000	920,000	1,796,570	2,716,570
Series C	33,000,000	5/1/84	9.713%	33,000,000	100,000	3,475,083	3,575,083
	54,000,000			52,110,000	1,020,000	5,271,653	6,291,653
Combined Total	$113,729,000			$91,239,000	2,470,000	6,919,003	9,389,003

FLOOD CONTROL ZONES

NORTHWEST

NORTH CENTRAL

CENTRAL

EAST

SOUTH

NORTHWEST ZONE

Northwest Zone: March, 1983

REVENUE SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Balance Beginning of Year	$ 3,560,257	3,949,236	2,500,000	2,631,554
Revenue Sources				
Property Taxes	1,257,951	1,254,133	1,329,165	1,291,567
Interest	441,239	306,000	420,220	420,220
Agreements and Advances		93,000	209,000	209,000
Assessment	1,046,637	1,122,309	1,123,000	1,123,000
Other	936,093	115,000	48,550	48,550
Total Revenue Sources	3,681,920	2,890,442	3,129,935	3,092,337
Total Available	$ 7,242,177	6,839,678	5,629,935	5,723,891

OUTLAY SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Planning	$ 81,224	203,348	272,616	272,616
Construction	1,754,082	4,472,651	3,114,644	3,114,644
Maintenance	939,175	941,347	878,073	878,073
Operations	88,133	100,822	101,119	101,119
Administration	38,247	49,976	75,355	75,355
Total Program Outlay	2,900,861	5,768,144	4,441,807	4,441,807
Debt Service	221,976	215,485	213,919	213,919
Major Facility Appropriation		846,049	603,250	697,206
Contingency Appropriation		10,000	10,000	100,00
Special Contingency Appropriation			360,959	360,959
Total Appropriated	3,122,837	6,839,678	5,629,935	5,723,891
Balance End of Year	4,119,340			
Total	$ 7,242,177	6,839,678	5,629,935	5,723,891

BACKGROUND INFORMATION

The Northwest Zone is defined by geographic boundaries encompassing the tributaries and watersheds of San Francisquito Creek, Matadero Creek, Barron Creek, Adobe Creek, Stevens Creek and Permanente Creek. Also included in this zone is Stevens Creek Reservoir. The geographic area includes the Cities of Palo Alto, Los Altos, Los Altos Hills and Mountain View and portions of Cupertino and Sunnyvale.

The funds budgeted in this program are to provide for the continuation of coordination with the Corps of Engineers on the San Francisco Bay Shoreline Planning Study, continuation of the Districtwide waterways planning study, a disposal and storage site investigation, sedimentation studies, and planning studies for Adobe and Matadero Creeks. Planning projects are:

San Francisco Bay Shoreline Study $1,123

This study will provide for liaison with a Corps of Engineers' study to examine the various alternatives for providing protection to the San Francisco Bay shoreline from saltwater flooding. 25 percent of the total cost of this project is allocated to each of the Northwest, North Central, Central and East Flood Control Zone Cost Centers.

Waterways Planning Study $37,674

This project is set up in two phases. Phase I provides for revising and expanding the Waterways Management Model to include a benefit/construction scheduling program. It is allocated equally to all five zones. Phase II continues the Waterways Planning Study by supporting the preparation of a specific basin plan for this zone. Emphasis will be on definition of erosion and sediment problems and the environmental setting, as well as evaluation of alternatives, identification of funding sources and preparation of the final master plan.

Investigation of Disposal and Storage Sites $6,435

This study will identify disposal and storage sites for excess channel excavation and other material expected over the next 10 years. The cost of this study is to be shared equally among the five flood control zones and the Water Treatment Cost Center.

Sedimentation Study $15,345

This study will examine sedimentation problems in the Northwest Zone and will identify alternative solutions to reduce high maintenance costs. It is a cooperative study with the U.S.G.S.

Adobe Creek $52,645

This project consists of completion of an Engineer's Report and EIR for Adobe Creek between the Palo Alto Flood Basin and El Camino Real.

Matadero Creek $125,619

This project consists of preparing an Engineer's Report and EIR for Matadero Creek between the Palo Alto Flood Basin and Foothill Avenue.

Permanente Creek Sedimentation Study $33,775

This project provides coordination with the U.S.G.S. to determine the cause of severe sediment deposition from the Permanente Creek Watershed. This is the first year of a three year cooperative study.

Construction Program

This program provides funds for the acquisition or construction of new physical assets or the substantial improvement to the life or value of existing physical assets. The budgeted amount of $3,114,644 includes the following projects:

Ordinance Construction $11,380

This project provides District labor needed to review, condition, and inspect construction of flood control projects by others.

Adobe Creek $427,993

This project consists of completion of plans and specifications and beginning improvement of the channel between Palo Alto Flood Basin and East Meadow Drive, and also between East Meadow Drive and Middlefield Road.

Permanente Diversion Channel $1,388,102

This project consists of preparing plans and specifications leading to construction of improvements to existing facilities between Carmel Terrace and Grant Road.

Stevens Creek $482,010

This project provides for completion of the remaining major portions of the project contemplated in the Planning Report dated September, 1980 - including completion of construction and follow-up right of way acquisition between Highway 101 and Dana Avenue. Construction of revegetation measures at Evelyn Avenue will also be completed. This project also provides for purchase and management of properties subject to potential bank failure near Diericx Drive.

Palo Alto Flood Basin $805,159

This project includes completion of plans and specifications, construction, and landscaping of levees around the basin.

Maintenance Program

Flood Control Facilities - Major Repairs $120,652

Funds budgeted in this project will be used to repair various sites in the zone that were damaged during the winter storms. Actual costs will be charged to the related projects. The City of Palo Alto will pay 50% of all costs for damage on San Francisquito Creek adjacent to Palo Alto Avenue. This project also includes 15% of the computerized system development for planned maintenance referred to in the General Information Section.

Maintenance - General $757,421

Funds budgeted in this project provide for maintenance requirements within the Cost Center.

Operations Program

This program provides funds for ongoing land use review and land ownership management. The budgeted amount of $101,119 includes the following projects:

Land Use Review $75,170

Application of Ordinance 83-2 to assist other agencies in land use decisions.

Technical Services $25,949

Funds will be provided for field identification of District lands and land rights not a part of dedication proceedings or active budgeted projects.

Administration Program

Benefit Assessment $17,807

The cost of annual review and production of the benefit assessment program is budgeted in this program. The cost is allocated to the five flood control zones in relation to the total assessment income anticipated in each zone.

This program also includes Insurance and Cost Center Support Projects totaling $57,548.

PROGRAM SUMMARY BY PROJECT

Project	PROGRAM					Project Totals
	Planning	Construction	Maintenance	Operations	Administration	
Land Use Review	$			75,170		75,170
Technical Services				25,949		25,949
Benefit Assessment					17,807	17,807
San Francisco Bay Shoreline Study	1,123					1,123
Waterways Planning Study - Phase I	7,799					7,799
Waterways Planning Study - Phase II	29,875					29,875
Disposal Sites	6,435					6,435
Sedimentation	15,345					15,345
Insurance					15,745	15,745
Cost Center Support Project					41,803	41,803
Ordinance Construction		11,380				11,380
FC Facilities - Major Repairs			120,652			120,652
Adobe Creek	52,645	427,993				480,638
Matadero Creek	125,619					125,619
Permanente Diversion Channel		1,388,102				1,388,102
Permanente Creek Sedimentation Study	33,775					33,775
Stevens Creek		482,010				482,010
Palo Alto Flood Basin		805,159				805,159
Northwest Zone - General			757,421			757,421
Total	$272,616	3,114,644	878,073	101,119	75,355	4,441,807

NORTH CENTRAL ZONE

North Central Zone: March, 1983

REVENUE SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Balance Beginning of Year	$2,763,669	2,739,501	1,200,000	1,535,839
Revenue Sources				
Property Taxes	1,652,746	1,647,528	1,764,468	1,703,967
Interest	276,833	191,000	265,480	265,480
Agreements and Advances			5,000	5,000
Assessment	1,699,260	1,833,786	1,827,000	1,827,000
Other	2,210	200	1,720	1,720
Total Revenue Sources	3,631,049	3,672,514	3,863,668	3,803,167
Total Available	$6,394,718	6,412,015	5,063,668	5,339,006

OUTLAY SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Planning	$ 73,225	52,286	155,228	155,228
Construction	1,518,391	2,333,581	1,058,926	1,058,926
Maintenance	988,086	2,193,878	1,740,687	1,740,687
Operations	105,174	130,122	129,159	129,159
Administration	39,135	51,652	88,107	88,107
Total Program Outlay	2,724,011	4,761,519	3,172,107	3,172,107
Debt Service	742,248	735,740	738,415	738,415
Major Facility Appropriation		904,756	705,210	980,548
Contingency Appropriation		10,000	10,000	10,000
Special Contingency Appropriation			437,936	437,936
Total Appropriated	3,466,259	6,412,015	5,063,668	5,339,006
Balance End of Year	2,928,459			
Total	$6,394,718	6,412,015	5,063,668	5,339,006

BACKGROUND INFORMATION

The North Central Zone is defined by geographic boundaries encompassing the tributaries and watersheds of the Guadalupe Slough, Sunnyvale West Outfall, Sunnyvale East Outfall, Calabazas Creek, San Tomas Aquino Creek and Saratoga Creek. The geographic area includes the City of Saratoga and portions of the Cities of Sunnyvale, Santa Clara, Campbell, Cupertino, Monte Sereno, San Jose and the Town of Los Gatos.

Planning Program

The funds budgeted in this program provide for continuation of coordination with the Corps of Engineers on the San Francisco Bay Shoreline Study, continuation of the Districtwide Waterways Planning Study, a disposal and storage sites investigation and a study of sedimentation problems. Planning projects are:

San Francisco Bay Shoreline Study — $1,123

This study will provide for liaison with a Corps of Engineers' study to examine the various alternatives for providing protection to the San Francisco Bay shoreline from saltwater flooding. 25 percent of the total cost of this project is allocated to each of the Northwest, North Central, Central and East Flood Control Zone Cost Centers.

Waterways Planning Study — $37,152

This project is set up in two phases. Phase I provides for revising and expanding the Waterways Management Model. This study will provide a benefit/construction scheduling program. It is allocated equally to all five zones. Phase II continues the Waterways Planning Study which supports the preparation of basin plans within the District's hydrologic zones. Emphasis will be on definition of erosion and sediment problems and the environmental setting, as well as evaluation of alternatives, identification of funding sources and preparation of the final master plan.

Investigation of Disposal and Storage Sites — $6,435

This study will identify disposal and storage sites for excess channel excavation and other material expected over the next 10 years. The cost of this study is to be shared equally among the five flood control zones and the Water Treatment Cost Center.

Sedimentation Study — $15,345

This study will examine sedimentation problems in the North Central Zone and will identify alternative solutions to reduce high maintenance costs. It is a cooperative study with the U.S.G.S.

Calabazas Creek — $95,173

This project provides coordination and liaison with the Soil Conservation Service on the proposed Calabazas Creek River Basin Study. The Evergreen Resource Conservation District is a joint sponsor. It also provides for initiation of a study of the project from Lawrence Expressway upstream to Miller Avenue.

Construction Program

This program provides funds for the acquisition or construction of new physical assets or the substantial improvement to the life or value of existing physical assets. The budgeted amount of $1,058,926 includes the following projects:

Ordinance Construction $18,077

This project provides District labor needed to review, condition, and inspect construction of flood control projects by others.

Saratoga Creek $1,040,849

This project provides for completion of construction of required measures between Cabrillo and Benton Avenues. It also provides limited funds for preparation of plans and specifications of needed measures between Benton Avenue and Homestead Road. Lack of funds may delay construction of measures in this reach until 1985-86.

Maintenance Program

Flood Control Facilities - Major Repairs $134,701

Funds budgeted in this project will be used to repair various sites in the zone that were damaged during the winter storms. Actual costs will be charged to the related projects. This project also includes 15% of the computerized system development for planned maintenance referred to in the General Information Section.

Guadalupe Slough $568,050

Funds budgeted in this project will be used to continue maintenance of the levees to required heights in accordance with the Leslie Salt Company agreement executed in 1963.

Maintenance - General $1,037,936

Funds budgeted in this project provide for maintenance requirements within the Cost Center. The total amount budgeted in the project reflects the increase contemplated in the Benefit Assessment Program.

Operations Program

This program provides funds for ongoing land use review and land ownership management. The budget amount of $129,159 includes the following projects:

Land Use Review $97,516

Application of Ordinance 82-3 assist other agencies in land use decisions.

Technical Services $31,643

Funds will be provided for field identification of District lands and land rights not a part of dedication proceedings or active budgeted projects.

Benefit Assessment $28,944

The cost of annual review and production of the benefit assessment program is budgeted in this program. The cost is allocated to the five flood control zones in relation to the total assessment income anticipated in each zone.

This program includes Insurance and Cost Center Support Projects totaling $59,163.

PROGRAM SUMMARY BY PROJECT

Project	PROGRAM					Project Totals
	Planning	Construction	Maintenance	Operations	Administration	
Land Use Review	$			97,516		97,516
Technical Services				31,643		31,643
Benefit Assessment					28,944	28,944
San Francisco Bay Shoreline Study	1,123					1,123
Waterways Planning Study - Phase I	7,799					7,799
Waterways Planning Study - Phase II	29,353					29,353
Disposal Sites	6,435					6,435
Sedimentation	15,345					15,345
Insurance					22,052	22,052
Cost Center Support Project					37,111	37,111
Ordinance Construction		18,077				18,077
Flood Control Facilities - Major Repairs			134,701			134,701
Calabazas Creek	95,173					95,173
Saratoga Creek		1,040,849				1,040,849
Guadalupe Slough			568,050			568,050
North Central Zone - General			1,037,936			1,037,936
Total	$155,228	1,058,926	1,740,687	129,159	88,107	3,172,107

CENTRAL ZONE

Central Zone: March, 1983

REVENUE SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Balance Beginning of Year	$18,761,600	19,762,757	20,300,000	20,532,862
Revenue Sources				
Property Taxes	1,798,790	1,765,198	1,830,529	1,862,761
Interest	2,795,338	1,895,600	2,205,680	2,205,680
Agreements and Advances			35,000	35,000
Assessment	1,996,938	2,122,587	2,124,000	2,124,000
Other	45,758	26,000	31,700	31,700
Total Revenue Sources	6,636,824	5,809,385	6,226,909	6,259,141
Total Available	$25,398,424	25,572,142	26,526,909	26,792,003

OUTLAY SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Planning	$ 228,147	523,699	390,532	390,532
Construction	1,547,878	22,005,765	23,037,498	23,037,498
Maintenance	1,131,956	1,975,971	1,433,521	1,433,521
Operations	126,360	143,032	152,532	152,532
Administration	34,561	40,401	78,638	78,638
Total Program Outlay	3,068,902	24,688,868	25,092,721	25,092,721
Debt Service				
Major Facility Appropriation		783,274	780,800	1,045,894
Contingency Appropriation		100,000	100,000	100,000
Special Contingency Appropriation			553,388	553,388
Total Appropriated	3,068,902	25,572,142	26,526,909	26,792,003
Balance End of Year	22,329,522			
Total	$25,398,424	25,572,142	26,526,909	26,792,003

BACKGROUND INFORMATION

The Central Zone is defined by geographic boundaries encompassing the tributaries and watersheds of the Guadalupe River. The major tributaries are Los Gatos Creek, Canoas Creek, Ross Creek, Guadalupe Creek and Alamitos Creek. Also included in this zone are Calero, Almaden, Guadalupe, Lexington and Vasona Reservoirs. The geographic area includes portions of the Cities of Santa Clara, San Jose, Campbell, Monte Sereno and the Town of Los Gatos.

Funds budgeted in the program provide for continuation of coordination with the Corps of Engineers on the San Francisco Bay Shoreline and Guadalupe River studies, continuation of the Districtwide Waterways Planning Study, a disposal and storage sites investigation and planning studies on Guadalupe River and Lower Coyote Creek.

Funds were provided in 1983-84 for a planning study for Lower Coyote Creek between the Bay and Montague Expressway. These projects have been budgeted in the Central Zone as they represent the degree to which the Central Zone will benefit by this flood control project. The East Zone will fund the balance of the project. Planning projects are:

Guadalupe River Corps of Engineers Study $19,562

This project provides District support for the Corps of Engineers' study on Guadalupe River and Coyote Creek.

San Francisco Bay Shoreline Study $1,123

This study will provide for liaison with a Corps of Engineers' study to examine the various alternatives for providing protection to the San Francisco Bay shoreline from saltwater flooding. 25 percent of the total cost of this project is allocated to each of the Northwest, North Central, Central and East Flood Control Zone Cost Centers.

Waterways Planning Study $48,948

This project is set up in two phases. Phase I provides for revising and expanding the Waterways Management Model. This study will provide a benefit/construction scheduling program. It is allocated equally to all five zones. Phase II continues the Waterways Planning Study which supports the preparation of basin plans within the District's hydrologic zones. Emphasis will be on definition of erosion and sediment problems and the environmental setting, as well as evaluation of alternatives, identification of funding sources and preparation of the final master plan.

Investigation of Disposal and Storage Sites $6,435

This study will identify disposal and storage sites for excess channel excavation and other material expected over the next 10 years. The cost of this study is to be shared equally among the five flood control zones and the Water Treatment Cost center.

Guadalupe River $304,949

An Engineer's Report will be completed for bridge modifications at Gold Street. A planning study will begin for the reach from Highway 280 upstream to Blossom Hill Road.

Lower Coyote Creek $9,515

This project provides for adoption of the planning study, including an EIR on Lower Coyote Creek between San Francisco Bay and Montague Expressway. The Central Zone is involved in the solution to the Lower Coyote Creek project to the degree to which it benefits. The total $4.4 million Central Zone share will cover the planning study, EIR and this zone's share of the construction phase.

Construction Program

This program provides funds for the acquisition or construction of new physical assets or the substantial improvement to the life or value of existing physical assets. The budgeted amount of $23,037,498 includes the following projects:

Ordinance Construction $21,804

This project provides District labor needed to review, condition, and inspect construction of flood control projects by others.

Alamitos Creek $282,194

This project consists of completion of revegetation of the creek and Almaden Pipeline projects. Funds are also provided for reimbursement to the City of San Jose for the District's share of costs to replace the McKean Road bridge, and for acquisition of maintenance and flooding easements between Guadalupe River and Camden Avenue.

Guadalupe River $18,228,928

This project provides for preparation of plans and specifications for lengthening and widening of the Hedding Street bridge; for advance right of way acquisition and local share of construction costs for the U. S. Corps of Engineers project between Highway 17 and Park Avenue; for completion of construction between Highway 101 and the County's marina in Alviso and for advance right of way acquisition and future construction of the project upstream of Highway 280 to Blossom Hill Road; for highways 17 and 280 preparation of plans and specifications to raise the Gold Street Bridge and completion of construction of a levee raising from Southern Pacific Railroad in Alviso to Highway 101.

Lower Coyote Creek $4,504,572

This project provides funds for completion of plans and specifications and start-up construction for the initial phase of the Bay to Montague Expressway reach. These funds plus those for the planning study, represent the total amount to which the Central Zone will benefit from a flood control project on Lower Coyote Creek.

Maintenance Program

Flood Control Facilities - Major Repairs $493,607

Funds budgeted in this project will be used to repair various sites in the zone that were damaged during the winter storms. Actual costs will be charged to the related projects. This project also includes 15% of the computerized system development for planned maintenance referred to in the General Information Section.

Maintenance - General $939,914

Funds budgeted in this project provide for maintenance requirements within the Cost Center.

Operations Program

This program provides funds for ongoing land use review and land ownership management. The budgeted amount of $152,532 includes the following projects:

Land Use Review $104,197

Application of Ordinance 83-2 to assist other agencies in land use decisions.

Technical Services $48,335

Funds will be provided for field identification of District lands and land rights not a part of dedication proceedings or active budgeted projects.

Administration Program

Benefit Assessment $34,507

The cost of annual review and production of the benefit assessment program is budgeted in this program. The cost is allocated to the five flood control zones in relation to the total assessment income anticipated in each zone.

This program includes Insurance and Cost Center Support Projects totaling $44,131.

PROGRAM SUMMARY BY PROJECT

Project	PROGRAM					Project Totals
	Planning	Construction	Maintenance	Operations	Administration	
Guadalupe River C of E Study	$ 19,562					19,562
Land Use Review				104,197		104,197
Technical Services				48,335		48,335
Benefit Assessment					34,507	34,507
San Francisco Bay Shoreline Study	1,123					1,123
Waterways Planning Study - Phase I	7,799					7,799
Waterways Planning Study - Phase II	41,149					41,149
Disposal Sites	6,435					6,435
Insurance					10,075	10,075
Cost Center Support Project					34,056	34,056
Ordinance Construction		21,804				21,804
Flood Control Facilities - Major Repairs			493,607			493,607
Alamitos Creek		282,194				282,194
Guadalupe River	304,949	18,228,928				18,533,877
Lower Coyote Creek	9,515	4,504,572				4,514,087
Central Zone - General			939,914			939,914
Total	$390,532	23,037,498	1,433,521	152,532	78,638	25,092,721

EAST ZONE

East Zone: January, 1983

REVENUE SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Balance Beginning of Year	$2,454,421	1,194,425	50,000	414,364
Revenue Sources				
Property Taxes	1,684,781	1,679,966	1,756,270	1,786,663
Interest	227,083	187,300	78,565	78,565
Agreements and Advances			5,000	5,000
Assessment	1,455,685	1,524,469	1,555,000	1,555,000
Other	6,262	4,700	3,240	3,240
Total Revenue Sources	3,373,811	3,396,435	3,398,075	3,428,468
Total Available	$5,828,232	4,590,860	3,448,075	3,842,832

OUTLAY SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Planning	$ 195,346	46,758	101,898	101,898
Construction	1,248,902	2,760,974	966,130	966,130
Maintenance	1,229,169	1,240,977	838,937	838,937
Operations	140,482	163,917	144,096	144,096
Administration	36,638	41,551	72,655	72,655
Total Program Outlay	2,850,537	4,254,177	2,123,716	2,123,716
Loan			300,000	300,000
Major Facility Appropriation		326,683	573,460	968,217
Contingency Appropriation		10,000	10,000	10,000
Special Contingency Appropriation			440,899	440,899
Total Appropriated	2,850,537	4,590,860	3,448,075	3,842,832
Balance End of Year	2,977,695			
Total	$5,828,232	4,590,860	3,448,075	3,842,832

BACKGROUND INFORMATION

The East Zone is defined by geographic boundaries encompassing the tributaries and watersheds of Coyote Creek. The major tributaries are Lower Penitencia Creek, Scott Creek, Berryessa Creek, Upper Penitencia Creek, Silver Creek, Thompson Creek, Fisher Creek and Packwood Creek. Also included in this zone are Anderson and Coyote Reservoirs. The geographic area includes the City of Milpitas and portions of the Cities of San Jose and Morgan Hill.

Funds budgeted in the program provide for continuation of coordination with the Corps of Engineers on the San Francisco Bay Shoreline Berryessa Creek Projects, the Soil Conservation Service Silver Creek and Upper Penitencia Creek Studies, the Waterways Planning Study, an investigation of disposal and storage sites and a sedimentation study. Planning projects are:

San Francisco Bay Shoreline Study $1,133

This study will provide for liaison with a proposed Corps of Engineers' study to examine the various alternatives for providing protection to the San Francisco Shoreline from saltwater flooding. 25 percent of the total cost of this project is allocated to each of the Northwest, North Central, Central and East Flood Control Zone Cost Centers.

Waterways Planning Study $16,276

This project is set up in two phases. Phase I provides for revising and expanding the Waterways Management Model. This study will provide a benefit/construction scheduling program. It is allocated equally to all five zones. Phase II is the program implementation phase of the Waterways Planning Study.

Investigation of Disposal and Storage Sites $6,058

This study will identify disposal and storage sites for excess channel excavation and other material expected over the next ten years. The cost of this study is to be shared equally among the five flood control zones and the Water Treatment Cost Center.

Sedimentation Study $15,345

This study will examine sedimentation problems in the East Zone and will identify alternative solutions to reduce high maintenance costs. It is a cooperative study with the U.S.G.S.

Berryessa Creek $5,025

This project provides for the nonreimbursable coordination and liaison work on the proposed Berryessa Creek Flood Control Project by the Corps of Engineers.

Penitencia Creek - Upper $58,061

This project provides for the nonreimbursable coordination and liaison work on the proposed Upper Penitencia Creek Watershed Project. The Soil Conservation Service is conducting the Watershed Planning Study.

Construction Program

This program provides funds for the acquisition or construction of new physical assets or the substantial improvement of the life or value of existing physical assets. The budgeted amount of $1,266,130 includes the following projects:

Ordinance Construction — $75,375

This project provides District labor needed to review, condition, and inspect construction of flood control projects by others.

Coyote Creek — $60,185

This provides funds for beginning construction of flood control improvements between San Francisco Bay and Highway 237. The Central Zone, which will also benefit from improvement in this reach, is providing funds for all District labor to prepare plans and specifications and it is also providing funds for construction of initial phases.

Silver Creek - Lower — $470,899

This project is for right of way acquistion from Coyote Creek to Lake Cunningham in cooperation with the Soil Conservation Service.

Penitencia Creek - Lower — $359,671

This will complete construction of the flood control project between Berryessa Creek and Marylinn Drive, and between Marylinn Drive and Montague Expressway.

Maintenance Program

Facility Maintenance Standards Allocated — $10,653

This project includes 15% of the computerized system development for planned maintenance referred to in the General Information Section.

Maintenance - General — $828,284

Funds budgeted in this project provide for maintenance requirements within the Cost Center. The total amount budgeted in the project reflects the increase contemplated in the Benefit Assessment program.

Operations Program

This program provides funds for ongoing land use review and land ownership management. The budgeted amount of $144,096 includes the following projects:

Land Use Review — $106,797

Application of Ordinance 83-2 to assist other agencies in land use decisions.

Technical Services — $37,299

Funds will be provided for field identification of District lands and land rights not a part of dedication proceedings or active budgeted projects.

Administration Program

Benefit Assessment — $24,486

The cost of annual review and production of the benefit assessment program is budgeted in this program. The cost is allocated to the zone in relation to the total assessment income anticipated.

This program also includes Insurance and Cost Center Support Projects totaling $48,169.

PROGRAM SUMMARY BY PROJECT

Project	PROGRAM					Project Totals
	Planning	Construction	Maintenance	Operations	Administration	
Land Use Review	$			106,797		106,797
Technical Services				37,299		37,299
Benefit Assessment					24,486	24,486
San Francisco Bay Shoreline Study	1,133					1,133
Waterways Planning Study - Phase I	7,799					7,799
Waterways Planning Study - Phase II	8,477					8,477
Disposal Sites	6,058					6,058
Sedimentation	15,345					15,345
Insurance					12,599	12,599
Cost Center Support Project					35,570	35,570
Ordinance Construction		75,375				75,375
Facility Maintenance Std. Allocated			10,653			10,653
Berryessa Creek	5,025					5,025
Coyote Creek		60,185				60,185
Silver Creek - Lower		470,899				470,899
Penitencia Creek - Upper	58,061					58,061
Penitencia Creek - Lower		359,671				359,671
East Zone - General			828,284			828,284
Total	$101,898	966,130	838,937	144,096	72,655	2,123,716

SOUTH ZONE

South Zone: January, 1982

REVENUE SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Balance Beginning of Year	$ 17,859			
Revenue Sources				
Property Taxes	292,020	434,958	448,568	435,313
Interest				
Agreements and Advances			425,464	425,464
Assessment	387,068	301,544	322,000	322,000
Other	1,103,665	962,300	219,140	219,140
Total Revenue Sources	1,782,753	1,698,802	1,415,172	1,401,917
Total Available	$1,800,612	1,698,802	1,415,172	1,401,917

OUTLAY SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Planning	$ 18,100	31,769	24,963	24,963
Construction	1,008,262	931,911	525,860	525,860
Maintenance	476,078	389,662	267,006	267,006
Operations	91,778	129,361	129,025	129,025
Administration	27,250	38,571	49,831	49,831
Total Program Outlay	$ 1,621,468	1,521,274	996,685	996,685
Debt Service				
Major Facility Appropriation		176,528	337,670	324,415
Contingency Appropriation		1,000	1,000	1,000
Special Contingency Appropriation			79,817	79,817
Total Appropriated	1,621,468	1,698,802	1,415,172	1,401,917
Balance End of Year	179,144			
Total	$ 1,800,612	1,698,802	1,415,172	1,401,917

BACKGROUND INFORMATION

The South Zone is defined by geographic boundaries encompassing the tributaries and watersheds of the Pajaro River in Santa Clara County. The major tributaries are Little Llagas Creek, Llagas Creek, West Branch of the Llagas Creek, Uvas-Carnadero Creek, Pescadero Creek and Pacheco Creek. The zone includes the City of Gilroy and portions of the Cities of San Jose and Morgan Hill.

Planning Program

Funds budgeted in this program provide for continuation of coordination with the Corps of Engineers on the Pajaro River project, investigation of disposal and storage sites and a planning study on Tennant-Corralitos Creeks. Planning projects are:

Pajaro River, Corps of Engineers' Study — $2,630

This project provides for the liaison with the Corps of Engineers in their study of the Upper Pajaro River Basin, the Uvas-Carnadero Creek area.

Waterways Planning Study — $7,824

This Phase I project provides for revising and expanding the Waterways Management Model. This study will provide a benefit/construction scheduling program. It is allocated equally to all five zones.

Investigation of Disposal and Storage Sites — $6,058

This study will identify disposal and storage sites for excess channel excavation and other material expected over the next ten years. The cost of this study is to be shared equally among the five flood control zones and the Water Treatment Cost Center.

Tennant-Corralitos Creeks — $8,451

This study will investigate possible interim drainage measures on Tennant-Corralitos Creeks.

Construction Program

This program provides funds for the acquisition or construction of new physical assets or the substantial improvement to the life or value of existing physical assets. The budgeted amount of $525,860 is required for the following projects:

Ordinance Construction — $20,205

This project provides District labor needed to review, condition, and inspect construction of flood control projects by others.

Uvas-Carnadero Creek — $52,498

This project provides funds for bridge design over the Uvas Creek Levee between Miller Avenue and Thomas Road in conjunction with the Corps of Engineers project on Uvas Creek.

Upper Llagas Creek Watershed Project — $7,292

This project provides payment for reimbursable items relating to relocation of bridges and utilities on this Soil Conservation Service project.

Lower Llagas Creek Watershed Project $445,865

This project provides for advancing a portion of the reimbursable land acquisition costs, bridge and utility relocation costs on this Soil Conservation Service project.

Maintenance Program

Flood Control Facilities - General $4,970

This project includes 7% of the computerized system development for planned maintenance referred to in the General Information Section.

Public Law 566 (Upper) $26,801

Funds budgeted in this project will be used for maintenance of fire prevention measures in the Upper Llagas Creek Watershed, for which the District is contractually committed.

Maintenance - General $235,235

Funds budgeted in this project provide for maintenance requirements within the Cost Center.

Operations Program

This program provides funds for ongoing land use review and land ownership management. The budgeted amount of $129,025 includes the following projects:

Land Use Review $102,363

Application of Ordinance 83-2 to assist other agencies in land use decisions.

Technical Services $26,662

Funds will be provided for field identification of District lands and land rights not a part of dedication proceedings or active budgeted projects.

Administration Program

Benefit Assessment $5,592

The cost of annual review and production of the benefit assessment program is budgeted in this program. The cost is allocated to the five flood control zones in relation to the total assessment income anticipated in each zone.

This program includes Insurance and Cost Center Support Projects totaling $44,239.

Project	PROGRAM					Project Totals
	Planning	Construction	Maintenance	Operations	Administration	
Land Use Review	$			102,363		102,363
Technical Services				26,662		26,662
Benefit Assessment					5,592	5,592
Pajaro River C of E Study	2,630					2,630
Waterways Planning Study - Phase I	7,824					7,824
Disposal Sites	6,058					6,058
Insurance					9,448	9,448
Cost Center Support Project					34,791	34,791
Ordinance Construction		20,205				20,205
Facility Maintenance Std. Allocated			4,970			4,970
Uvas-Carnadero Creek		52,498				52,498
Tennant Creek	8,451					8,451
Upper Llagas Ck Watershed Project		7,292				7,292
Lower Llagas Ck Watershed Project		445,865				445,865
Public Law 566 (Upper)			26,801			26,801
South Zone - General			235,235			235,235
Total	$24,963	525,860	267,006	129,025	49,831	996,685

WATER UTILITY

SOURCE OF SUPPLY

RAW WATER TRANSMISSION & DISTRIBUTION

WATER TREATMENT

TREATED WATER TRANSMISSION & DISTRIBUTION

ADMINISTRATION AND GENERAL

The Water Utility is operated on an Enterprise Fund Basis. Revenue is derived from water sales, groundwater extraction charges and from ad valorem taxes allocated by the County Controller as provided by law.

A $56,000,000 Revenue Bond issue was approved by the voters in May 1977. $23,000,000 of the authorization had been sold prior to fiscal year 1983-84. The remaining $33,000,000 was sold in April, 1984 and these proceeds together with accumulated reserves will be used for construction of the Santa Teresa Water Treatment Plant, the Snell Pipeline and other features of the In-County Distribution System.

The major sources of water revenue are from charges levied on all groundwater extracted within Zone W-2 of the District and from the sale of approximately 73,600 acre-feet of treated water. Groundwater production for this fiscal year is estimated to be 149,800 acre-feet for nonagricultural purposes and 9,500 acre-feet for use by agriculture. Other water charges will be made for surface water diversions and the sales of reclaimed water in the Gilroy area approximating 1,850 acre-feet.

A brief description of each of the water zones within the Water Utility Enterprise follows:

Zone W-1 Zone W-1 encompasses the groundwater basin in Northern Santa Clara County and small peripheral areas outside of the groundwater basin within the retail service areas of privately owned public utilities and municipal water departments using water pumped from groundwater supplies within the groundwater basin. It is the area which provides the security for general obligation bonds. The zone comprises an area of approximately 290 square miles and includes all or portions of thirteen of the County's fifteen cities, plus some unincorporated territory.

Zone W-2 This zone encompasses the Santa Clara Valley Groundwater Basin north of Metcalf Road. It includes those groundwater producing facilities that benefit from the recharge of the basin with local and imported water. A charge is levied for all groundwater extracted within this zone.

Zone W-3 This zone encompasses the land within the Coyote and Llagas Groundwater Basins in the area from Metcalf Road on the north to just south of the City of Morgan Hill. Part of the Countywide property tax within the one percent limit is allocated to this zone. Sub-zones identified as W-3.1, 3.2, 3.3 and 3.5 are local areas within the total Zone W-3 and groundwater charges are levied for water extracted within these areas.

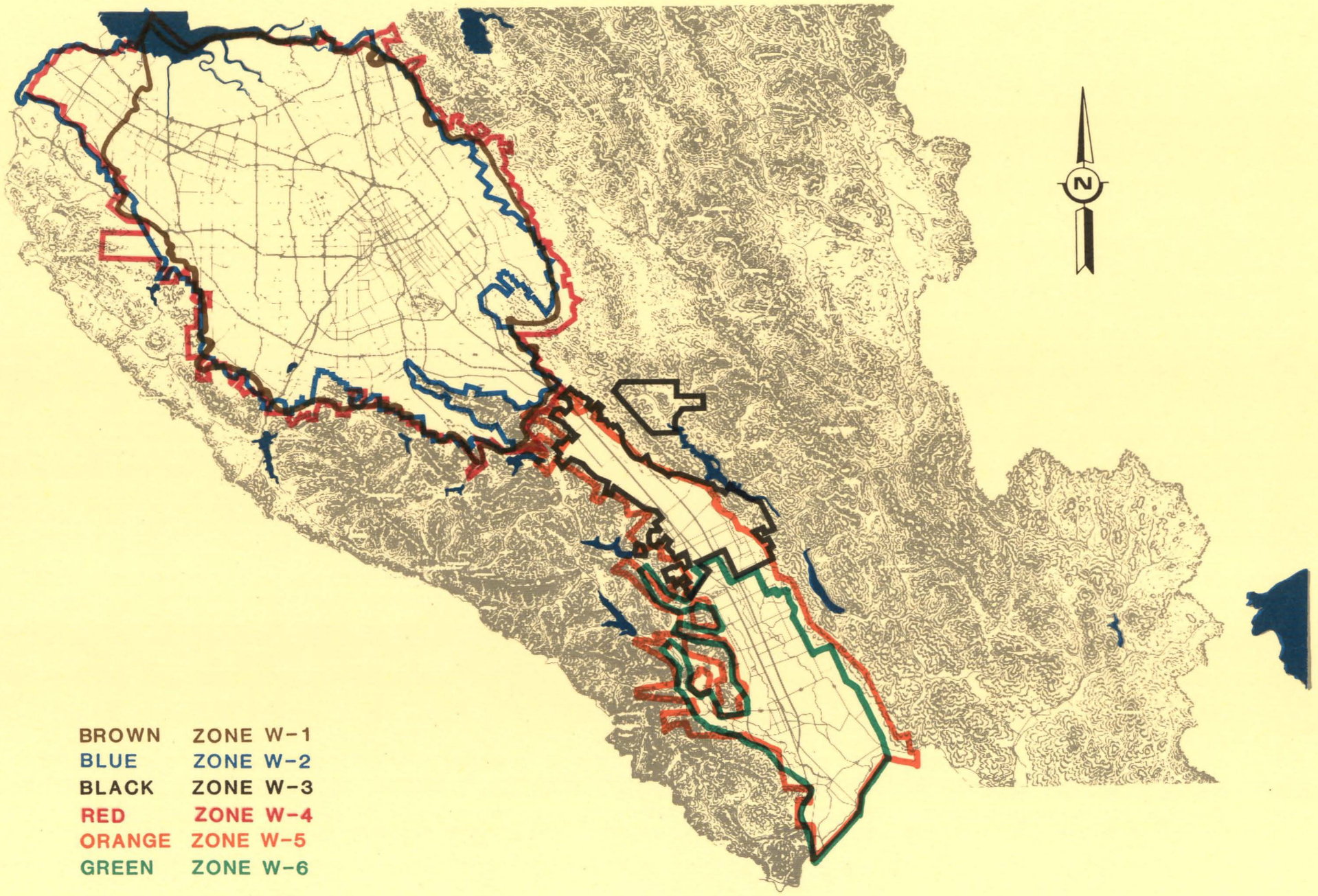
Zone W-4 This zone contains all of Zone W-2 and lands outside Zone W-2 that use or otherwise benefit from locally conserved water and from the importation and distribution of water from the South Bay Aqueduct. This area also receives an allocation of the Countywide tax levied which is used to pay for the cost of water to recover the accumulated overdraft, control land surface subsidence and sustain the emergency supply of water.

Zone W-5 This zone is comprised of the entire groundwater basin from Metcalf Road south to the Pajaro River. For the year 1984-85 no groundwater extraction charge will be levied and the requirement for filing production statements has been waived.

Zone W-6 This zone is comprised of the area of the Gavilan Water Conservation District. For 1984-85 no groundwater extraction charge will be levied and the requirement for filing water production statements has been waived.

Under uniform accounting practices adopted by the State, it is necessary to divide expenditures of the Water Utility Enterprise into various categories called cost centers. These cost centers are Source of Supply, Raw Water Transmission and Distribution, Water Treatment, Treated Water Transmission and Distribution, and Administration and General. Appropriations for each of these cost centers are shown separately.

WATER UTILITY ZONES



REVENUE SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Balance Beginning of Year	$35,263,000	36,110,073	76,100,000	75,653,332
Revenue Sources				
Property Taxes	10,794,840	10,492,873	11,280,500	11,108,957
Interest	5,624,091	3,814,538	8,751,720	8,751,720
Agreements and Advances	165,908	631,504	1,193,465	1,193,465
Groundwater Charges	9,965,833	10,940,223	12,599,391	12,599,391
Surface Water Charges	141,867	149,500	90,000	90,000
Reclaimed Water Sales	6,010	31,460	13,000	13,000
Treated Water Sales	9,470,277	11,105,445	11,457,535	11,457,535
Bond Sales				
Miscellaneous	135,618	12,000	12,600	12,600
Total Revenue Sources	36,304,444	37,177,543	45,398,211	45,226,668
Total Available	$71,567,444	73,287,616	121,498,211	120,880,000

OUTLAY SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Planning	$ 1,249,798	2,761,265	1,791,124	1,791,124
Construction	10,620,439	13,915,960	12,398,657	12,398,657
Maintenance	2,688,092	6,136,787	6,676,564	6,676,564
Operations	7,707,196	10,322,566	12,267,202	12,267,202
Administration	918,668	756,870	681,934	681,934
Total Program Outlay	23,184,193	33,893,448	33,815,481	33,815,481
Debt Service	4,933,776	4,894,317	8,436,669	8,436,669
Replacement Appropriation		2,806,800	3,101,514	3,101,514
In-County Distribution System Approp		29,453,051	72,879,234	72,261,023
Contingency Appropriation		2,240,000	2,240,000	2,240,000
Special Contingency Appropriation			1,025,313	1,025,313
Total Appropriated	28,117,969	73,287,616	121,498,211	120,880,000
Balance End of Year	43,449,475			
Total	71,567,444	73,287,616	121,498,211	120,880,000

COST CENTER EXPENDITURE SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Source of Supply	$ 7,611,607	13,283,108	16,877,632	16,877,632
Raw Water T&D	8,996,804	11,502,927	6,731,038	6,731,038
Water Treatment	4,974,051	6,130,378	6,600,387	6,600,387
Treated Water T&D	369,744	1,876,073	2,318,651	2,318,651
Administration & General	1,231,987	1,100,962	1,287,773	1,287,773
Total	$ 23,184,193	33,893,448	33,815,481	33,815,481

PROGRAM EXPENDITURE SUMMARY

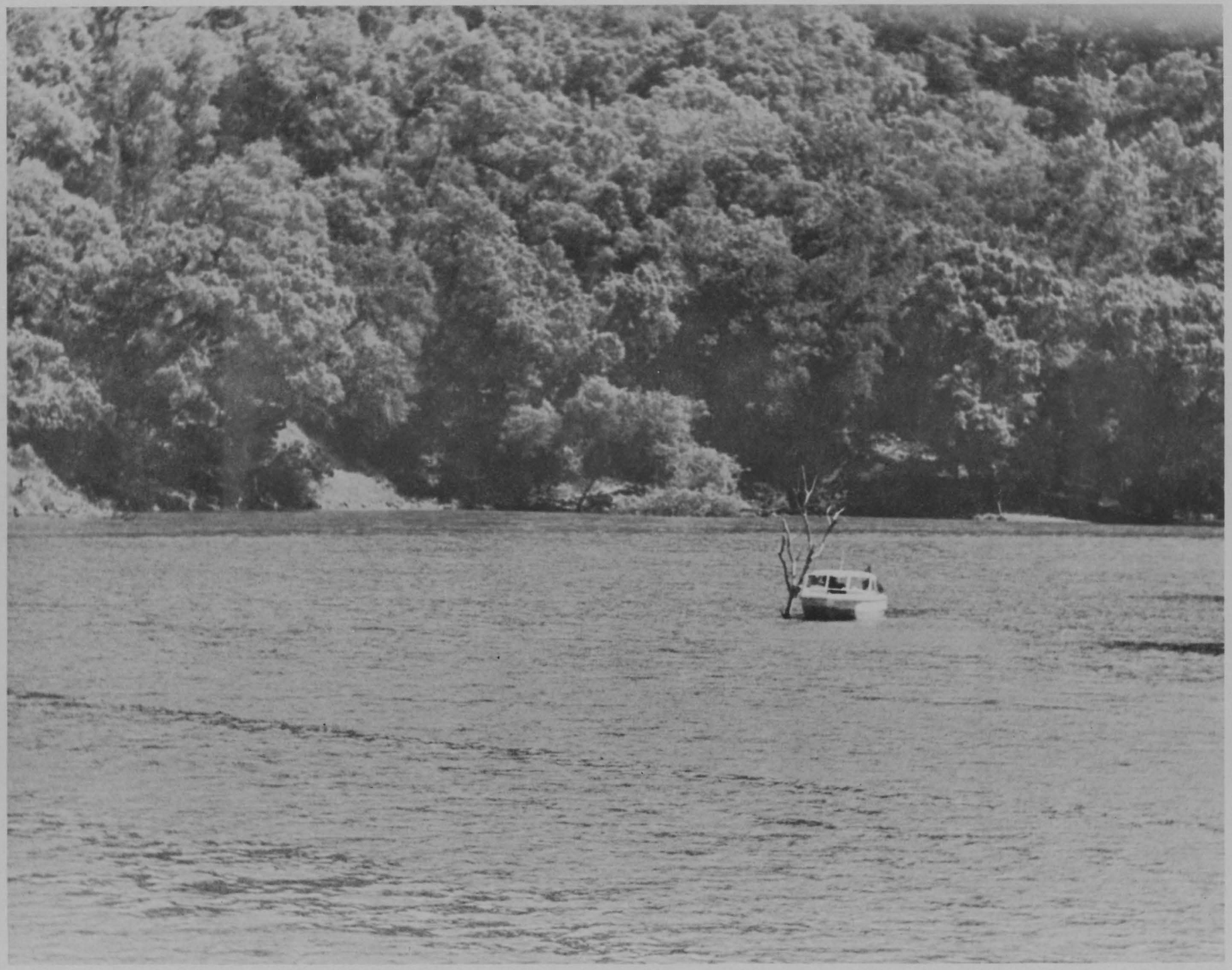
	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Planning	$ 1,249,798	2,761,265	1,791,124	1,791,124
Construction	10,620,439	13,915,960	12,398,657	12,398,657
Maintenance	2,688,092	6,136,787	6,676,564	6,676,564
Operations	7,707,196	10,322,566	12,267,202	12,267,202
Administration	918,668	756,870	681,934	681,934
	$ 23,184,193	33,893,448	33,815,481	33,815,481

WATER UTILITY RATE SUMMARY

	1981-82	1982-83	1983-84	1984-85
Groundwater				
Agricultural	17.50	18.75	20.00	21.25
Nonagricultural	70.00	75.00	80.00	85.00
Treated Water				
Contract (Scheduled)	130.00	140.00	150.00	160.00
Non-Contract	86.00	100.00	105.00	110.00
Untreated Water				
Agricultural	17.50	18.75	20.00	21.25
Nonagricultural	70.00	75.00	80.00	85.00
Water Master	7.00	8.00	8.00	9.00
Power (Evergreen System)	28.00	33.00	35.00	32.00
Power (Half Road/Coyote Madrone System)	10.00	-	4.00	4.00
Minimum Charge	49.00	53.00	56.00	60.00
Capital Cost (Half Road/Coyote Madrone System)	2.75	2.75	2.75	2.75
Reclaimed Water				
Palo Alto Reclamation Facility				
Basic User Charge				
Agricultural	17.50	18.75	20.00	34.25
Nonagricultural	70.00	75.00	80.00	98.00
Water Master Service Charge	7.00	8.00	8.00	9.00
Power Charge	4.00	4.00	4.00	4.00
Gilroy Reclamation Facility				
Agricultural	20.00	20.00	20.00	20.00
Nonagricultural	80.00	80.00	80.00	80.00

WATER UTILITY TAX REVENUE SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Water Fund				
Secured	$ 2,063,468	2,213,156	2,498,900	2,426,002
Unsecured	247,642	307,613	391,580	401,721
Delinquent	197,192	163,200	175,000	175,000
Total	2,508,302	2,683,969	3,065,480	3,002,723
Zone W-3				
Secured	73,818	79,442	89,180	88,499
Unsecured	8,824	10,584	13,440	13,815
Delinquent	5,429	4,500	6,100	6,100
Total	88,071	94,526	108,720	108,414
Zone W-4				
Secured	498,916	536,129	601,700	586,195
Unsecured	60,030	74,875	95,025	97,624
Delinquent	48,118	41,000	42,000	42,000
Total	607,064	652,004	738,725	725,819
State Water Project				
Secured	5,013,077	4,540,000	4,593,000	4,593,000
Unsecured	110,223	187,096	231,775	185,413
Delinquent	203,992	85,000	350,000	350,000
Total	5,327,292	4,812,096	5,174,775	5,128,413
Debt Service				
W-1, Secured	2,072,955	2,053,134	1,937,425	1,937,425
W-1, Unsecured	62,441	79,144	97,375	48,163
W-1, Delinquent	122,828	118,000	158,000	158,000
SCVWCD, Secured				
SCVWCD, Unsecured	108			
SCVWCD, Delinquent	5,779			
Total	2,264,111	2,250,278	2,192,800	2,143,588
TOTAL ALL FUNDS	$10,794,840	10,492,873	11,280,500	11,108,957



SOURCE OF SUPPLY

BACKGROUND INFORMATION

The Source of Supply Cost Center is the first of five cost centers which make up the Water Utility Enterprise. The budget for this Cost Center contains all of the anticipated expenditures relating to obtaining, producing and protecting a supply of water including all conservation, reclamation and importation costs.

SUMMARY BY PROGRAM

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Planning	$ 278,686	590,218	536,622	536,622
Construction	2,223,281	2,667,222	4,647,108	4,647,108
Maintenance	572,947	3,700,508	3,696,672	3,696,672
Operations	3,787,474	5,759,165	7,506,983	7,506,983
Administration	749,219	565,995	490,247	490,247
	$7,611,607	13,283,108	16,877,632	16,877,632

Planning Program

Funds budgeted in this program provide for various planning activities, preparation of hearing plans and environmental reports. The budgeted amount of $536,622 reflects a decrease of $53,596 compared to the previous year. Planning projects are:

Saltwater Intrusion Study $167,742

Wells in the bayfront area that have been incorrectly sealed or constructed contribute to the spread of saltwater contamination. This project includes continued monitoring of the extent of saltwater intrusion and a program to locate and have sealed, defective wells which contribute to saltwater contamination of the drinking water aquifers. This latter program is funded in part by a grant from the SWRCB.

Water Distribution Plan $5,287

This project provides funds for evaluating the potential for converting the existing system simulation model to determine the optimum distribution of imported water for recharge and water treatment on a real time basis.

SOURCE OF SUPPLY

Federal Water Project $45,596

This project provides for liaison with the USBR in their development of the communications and control systems required to operate the San Felipe Division, CVP, from the District's Control Center.

Anderson Dam and Reservoir $293,924

This project provides funds for hydraulic model testing, design and preparation of an EIR for an enlarged spillway required by the State Division of Safety of Dams.

Calero Dam and Reservoir $24,073

This project provides the funds to prepare an Environmental Impact Statement and finalize the draft predesign report in support of an application to the U.S. Bureau of Reclamation for loans and grants under P. L. 984 to enlarge the dam and reservoir.

Construction Program

This program provides funds for the acquisition or construction of new physical assets and substantial improvements to the life or value of existing physical assets. The budgeted amount of $4,647,108 includes the following projects:

State Water Project $2,996,243

This project provides funds for payment to the State of California for the capitalized portion of imported water costs for the State Water Project. The balance of the funds are budgeted in the Operations Program. Funds would also be provided for repair and installation of a 54 inch line valve on the South Bay Aqueduct.

Federal Water Project $6,675

This project provides funds for capitalized acquisitions by the District necessary to ensure full operating capabilities of the San Felipe Division, CVP.

Water Conservation Project $3,000

This project provides funds for the purchase of motion pictures prints describing the distribution and conservation of water.

Small Equipment Replacement $7,500

This project provides for the replacement of equipment in this Cost Center which is not included in the Replacement Appropriation.

SOURCE OF SUPPLY

Anderson Hydroelectric Facility $140,969

This project will provide funds for the design of a hydroelectric facility near Anderson Dam.

Coyote Dam and Reservoir $1,383,952

This project provides funds to design, prepare plans and specifications and reconstruct a second of two portions of the Coyote Spillway.

Stevens Creek Dam and Reservoir $58,124

This project provides for the design of a remote control valve operation system to regulate water releases from the reservoir. Construction will be included with the dam reconstruction.

Vasona Dam and Reservoir $50,645

This project provides funds to install a remote control valve operation system acquired in 1983-84. The system will allow control of releases of water at Vasona from Rinconada Water Treatment Plant.

Maintenance Program

Excluding the Stevens Creek Dam reconstruction, budgeted at $3,357,409, funds budgeted in this program show a decrease of approximately of $25,900 compared to the preceding year. Funds are for maintenance of the reclamation facility at Palo Alto, installation of monuments for monitoring the deformation of the Coyote Dam Spillway, and other maintenance requirements within the Cost Center. It also includes updating and/or preparation of as-built drawings for facilities in this Cost Center. This project also includes 7% of the computerized system development for planned maintenance referred to in the General Information Section.

Operations Program

The funds budgeted in this program are for Land Use Review, Land Ownership Management, the inspection and operation of the District's dams and reservoirs, weather modification, the operation of the water reclamation facilities at Palo Alto and Gilroy and the purchase of water from the State Water Project. The enforcement and application of Ordinance 75-6 relative to monitoring wells has been reclassified from the Land Use Review Project to Water Quality Control and is a part of the Operations Program. Funds budgeted in this program show an increase of $1,747,818 compared to the preceding year, but $1,401,000 of this is attributable to an increase in State Water Project costs.

Administration Program

Significant projects within this program include In-County Credit (final year), Water Reclamation, State Water Project, the Federal Water Project, and the Water Conservation Project. The budget for fiscal 1984-85 reflects a decrease of $75,748 compared to the preceding year.

SOURCE OF SUPPLY

PROGRAM SUMMARY BY PROJECT

Project	PROGRAM					Project Totals
	Planning	Construction	Maintenance	Operations	Administration	
Land Use Review	$			15,327		15,327
Technical Services				5,037		5,037
Saltwater Intrusion Study	167,742					167,742
Water Distribution Plan	5,287					5,287
Insurance					12,621	12,621
Cost Center Support Project					8,568	8,568
In-County Credit					69,179	69,179
Dams & Reservoirs - General			14,944			14,944
Water Reclamation Fac. - Gilroy				65,975	62,500	128,475
Water Rights					38,488	38,488
State Water Project		2,996,243		6,401,000	87,804	9,485,047
Federal Water Project	45,596	6,675			157,281	209,552
Water Conservation Project		3,000			50,207	53,207
Water Reclam. Fac. - Palo Alto			56,289	297,768		354,057
Hetch Hetchy Water Project					3,599	3,599
Weather Modification				25,412		25,412
Water Quality Control				537,690		537,690
Small Equipment Replacement		7,500				7,500
Source of Supply - General			245,214	158,774		403,988
As-Built Drawings			3,553			3,553
Anderson Dam & Reservoir	293,924	140,969				434,893
Calero Dam & Reservoir	24,073					24,073
Coyote Dam & Reservoir		1,383,952	19,263			1,403,215
Stevens Creek Dam & Reservoir		58,124	3,357,409			3,415,533
Vasona Dam & Reservoir		50,645				50,645
Total	$536,622	4,647,108	3,696,672	7,506,983	490,247	16,877,632

RAW WATER TRANSMISSION & DISTRIBUTION

BACKGROUND INFORMATION

The Raw Water Transmission and Distribution Cost Center is the second of five cost centers within the Water Utility Enterprise. This Cost Center contains all expenditures relating to the distribution of raw water. The distribution system consists of pipelines, canals and percolation ponds and includes the use of creek systems.

SUMMARY BY PROGRAM

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Planning	$ 66,039	92,030	186,116	186,116
Construction	7,156,228	9,368,966	4,279,941	4,279,941
Maintenance	1,033,962	989,185	1,222,791	1,222,791
Operations	733,442	1,037,730	1,029,015	1,029,015
Administration	7,133	15,016	13,175	13,175
	$8,996,804	11,502,927	6,731,038	6,731,038

Planning Program

Funds budgeted in this program are for various analyses and planning reports related to the distribution of raw water. The $186,116 budgeted reflects a $94,086 increase over the preceding year.

Central Pipeline — $10,338

This project provides funds to complete the planning for a power generating system combining the releases from the Kirk and Page Turnouts on the Central Pipeline. This system would reduce cavitation of the turnout valves and create a source of additional revenue.

Calero Pipeline — $132,863

This project will provide funds to prepare an Engineer's Report and E.I.R. for a pipeline to link the Cross Valley Pipeline to the Almaden Valley Pipeline.

Evergreen Distribution System — $2,204

This project consists of liaison with the City of San Jose and local water users relative to the Evergreen Distribution System.

Los Capitancillos Percolation System $28,517

This project consists of preparing an Engineer's report on improvements to the Masson Dam diversion structure located on Guadalupe Creek.

Santa Teresa Force Main $12,194

This project provides for liaison with the District's consultant in the preparation of Engineers Report and EIR on the Santa Teresa Force Main, the raw water connection between the Almaden Valley Pipeline and the Santa Teresa Water Treatment Plant.

Construction Program

This program provides for the acquisition or construction of new physical assets and substantial improvement to the life or value of existing physical assets. The budgeted amount of $4,279,941 includes the following projects:

Raw Water Distribution - General $82,669

This provides for the installation of permanent facilities at various onstream groundwater recharge sites in the District.

Penitencia Force Main $411,046

This provides for the construction of permanent repairs to the 66-inch force main and for the extension of the facility to the Penitencia Water Treatment Plant.

Vasona Pump Station $52,340

This provides for contract administration and inspection of the design, purchase, and installation of a monitoring and control system at the Vasona Pump Station to remotely regulate the flow of water to and from Calero Reservoir and the Central Pipeline.

Almaden Valley Pipeline $755,489

This provides for the installation of remote telemetry stations and remote control valve operation systems to control releases from the pipeline into Ross Creek and the Kooser Percolation Ponds. It also includes the Water Utility's portion of the revegetation of Alamitos Creek and the installation of a buried communications cable to complete the link from the Rinconada Plant to the Pacheco Pumping Plant.

Calero Pipeline $280,491

This provides for the design of the pipeline to extend from the terminus of the Cross Valley Pipeline to a connection with the Almaden Valley Pipeline at the base of Calero Dam.

Cross Valley Pipeline $448,537

This project will provide funds for the contract administration, right of acquisition, completion of construction and inspection of the reach from South Valley Freeway at Cochran Road to the Coyote Pumping Plant site.

Anderson Force Main $455,128

This project provides for completion of construction, contract administration, right of way acquisition and inspection of the force main. This project is combined with construction of the Cross Valley Pipeline.

Raw Water Control System $85,761

This project will provide for the design of a replacement for the raw water distribution system controls to interface to the Federal Water Project.

Stevens Creek Pipeline Control System $78,462

This project provides funds for construction of the remote control operation system to regulate water releases into Saratoga Creek from the Stevens Creek Pipeline.

Coyote - Alamitos Canal $26,871

This project provides for the design aspect required to abandon this project.

Small Equipment Replacement $8,000

This project provides for the replacement of equipment which is not included by the Replacement Appropriation.

Santa Teresa Force Main $68,397

This project provides funds for the design of the project, which is the raw water connection between the Almaden Valley Pipeline and the Santa Teresa Water Treatment Plant.

Maple Avenue Recharge Facility $1,526,750

This project provides for funds for the purchase of lands for recharge facilities in the Llagas Subbasin.

Maintenance Program

Funds budgeted in this program reflect a $233,606 increase compared to the preceding year. This is due in part to enlargement of the sedimentation basin at the Upper Page Percolation Ponds ($76,867), the modification of gravel dam overflow structures in this cost center and a seismic evaluation of the Vasona Pump Station. It also includes funds ($100,000) to enhance the cathodic protection by unbonding the shell liner from the pipe on the Central Pipeline. This project also includes 15% of the computerized system development for planned maintenance referred to in the General Information Section.

Operations Program

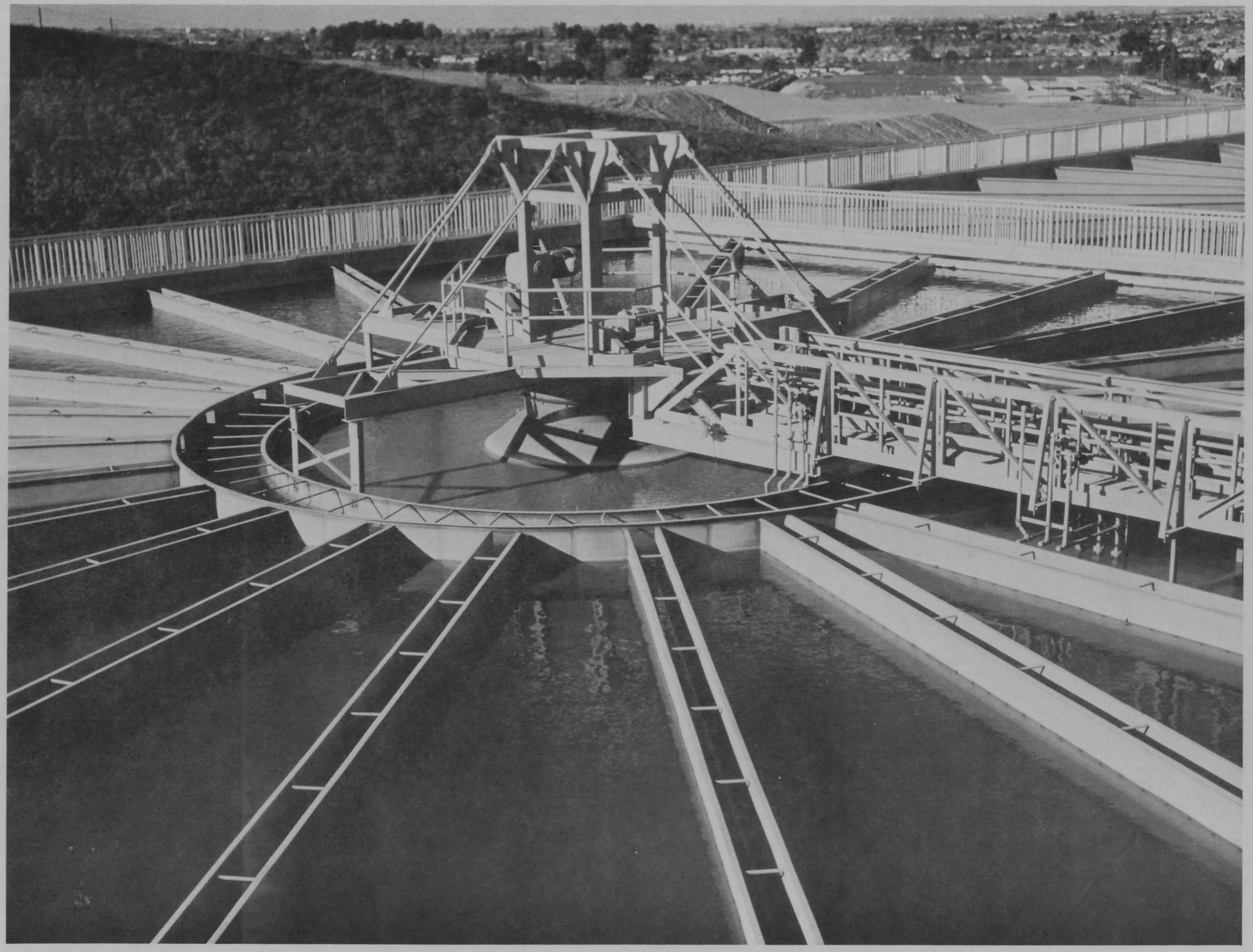
Funds budgeted in this program reflect a $8,715 decrease compared to the preceding year. The funds provide for routine operation of the Raw Water Distribution System, Land Use Review and Land Ownership Management. Also included is an ongoing evaluation of ways to improve the performance of existing percolation facilities.

Administration Program

This program includes Insurance and Cost Center Support Projects. The amount budgeted is $13,175. This program has decreased by $1,841 compared to the preceding year.

PROGRAM SUMMARY BY PROJECT

Project	PROGRAM					Project Totals
	Planning	Construction	Maintenance	Operations	Administration	
Land Use Review	$			25,548		25,548
Technical Services				4,375		4,375
Insurance					6,227	6,227
Cost Center Support Project					6,948	6,948
Raw Water Distribution - General		82,669	10,653	37,215		130,537
PFM-Perm. Repairs & Ext.		411,046				411,046
Central Pipeline	10,338					10,338
Vasona Pump Station		52,340	34,521			86,861
Almaden Valley Pipeline		755,489				755,489
Calero P/L E.R. and E.I.R.	132,863	280,491				413,354
Cross Valley Pipeline		448,537				448,537
Anderson Force Main		455,128				455,128
RW Control System		85,761				85,761
Stevens Creek Pipeline		78,462				78,462
Coyote-Alamitos Canal		26,871				26,871
Evergreen Distribution System	2,204					2,204
Page Distribution System-Upper			76,867			76,867
Los Capitancillos Percolation Sys	28,517					28,517
Small Equipment Replacement		8,000				8,000
Raw Water T&D-General			1,097,197	961,877		2,059,074
As-Built Drawings			3,553			3,553
Santa Teresa Force Main	12,194	68,397				80,591
Maple Ave Recharge Facility		1,526,750				1,526,750
Total	$186,116	4,279,941	1,222,791	1,029,015	13,175	6,731,038



WATER TREATMENT

BACKGROUND INFORMATION

The Water Treatment Cost Center is the third of five cost centers in the Water Utility Enterprise. This Cost Center contains all expenditures associated with the treatment of water at the Rinconada Water Treatment Plant and the Penitencia Water Treatment Plant.

SUMMARY BY PROGRAM

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Planning	$ 173,591	1,069,951	158,323	158,323
Construction	1,153,416	800,985	1,801,777	1,801,777
Maintenance	981,366	1,265,514	1,549,111	1,549,111
Operations	2,646,763	2,974,426	3,071,607	3,071,607
Administration	18,915	19,502	19,569	19,569
Total	$4,974,051	6,130,378	6,600,387	6,600,387

Planning Program

This program provides funds for studies related to the three water treatment plants. The budgeted amount of $158,323 is $911,628 less than this program in the preceding year. The planning of the Santa Teresa Water Treatment Plant is being performed by a consultant and the contract was obligated in 1983-84.

Investigation of Disposal and Storage Sites — $6,462

This project will identify, investigate and evaluate sites for the disposal and/or storage of excess materal generated from flood control channel excavation and sludge removed from water treatment plants.

Penitencia Water Treatment Plant — $66,367

This project provides funds to investigate the availability of suitable alternative sites for potential future replacement of the treatment plant.

Santa Teresa Water Treatment Plant — $85,494

This provides for continuing work related to the preparation of an Engineer's Report and EIR on the proposed Santa Teresa Water Treatment Plant and ancillary facilities.

Construction Program

This program provides funds for the acquisition or construction of new physical assets and substantial improvement to the life or value of existing physical assets. The amount budgeted of $1,801,777 is a $1,000,792 increase from the preceding year and includes the following projects:

Penitencia Water Treatment Plant — $21,525

This project provides funds to purchase and install specific equipment to be used in the cost center.

Santa Teresa Water Treatment Plant — $1,229,181

This project provides funds for final design, plans and specifications for the plant.

Rinconada Water Treatment Plant — $48,210

This project provides funds for the purchase and installation of an air driven diaphram pump, a locator for buried cable, a laboratory water purification system, two titrators, a TV surveillance system and other plant related equipment.

Control System - Penitencia Water Treatment Plant — $12,344

This project provides labor to checkout the master control system for the Penitencia Water Treatment Plant and the Eastside Distribution System, installed in 1983-84.

Treated Water Control System Replacement — $480,517

Funds are allocated for 70% of the design of a replacement for the existing system in use since 1970. The remaining 30% is in the treated water T&D cost center.

Small Equipment Replacement — $10,000

This project provides for the replacement of equipment in this Cost Center which is not included in the Replacement Appropriation.

Maintenance Program

Funds budgeted in this program provide for normal maintenance requirements within the Cost Center. The budget of $1,549,111 is an increase of $283,597 over the preceding year. Special maintenance is planned to establish better control for the Penitencia Water Treatment Plant site monitoring. Also, a first-stage inspection and review will be made to determine ability to function at both treatment plants during and after a moderate to major local earthquake. This project

also includes 3% of the computerized system development for planned maintenance referred to in the General Information Section.

Operations Program

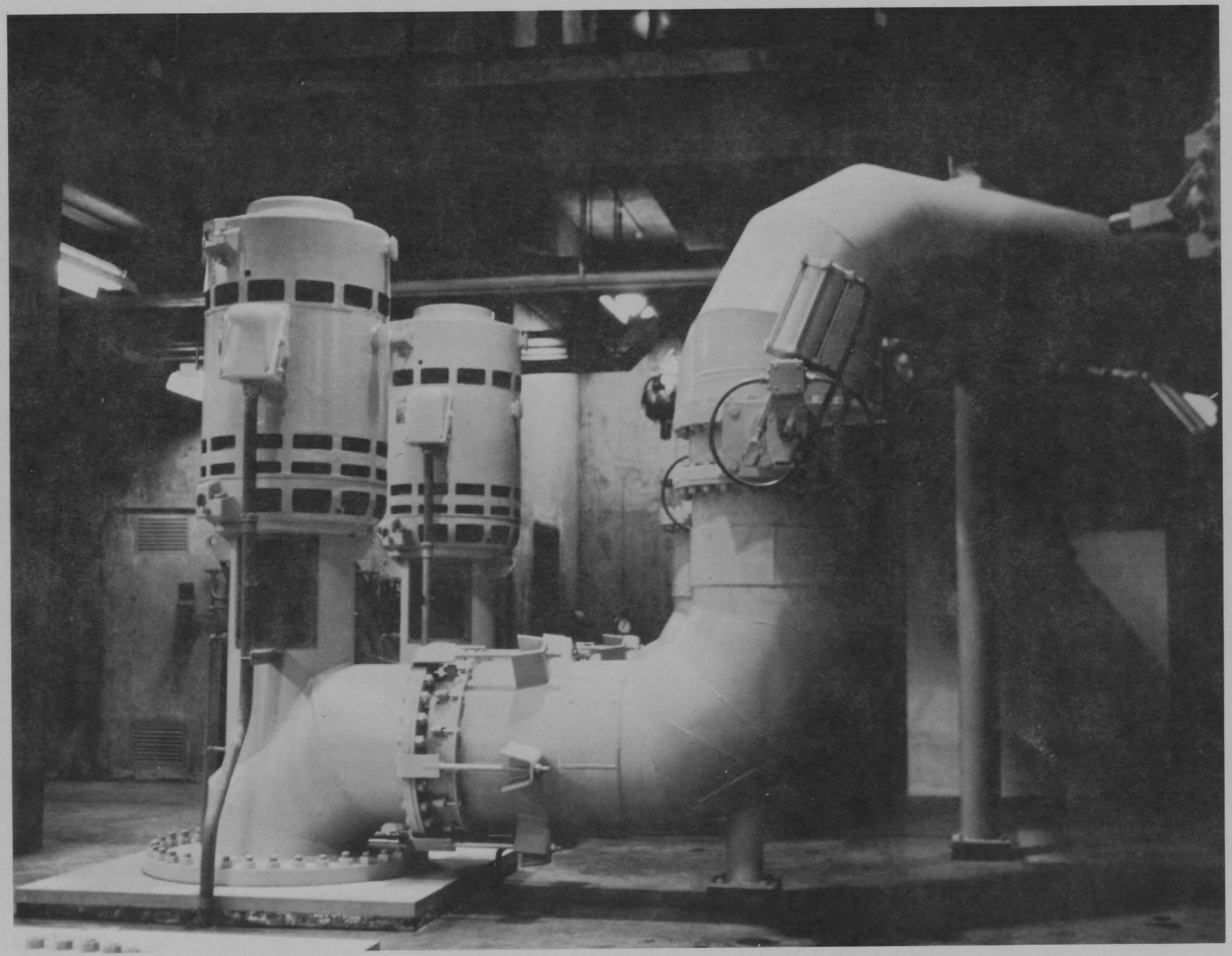
The $3,071,607 budgeted in this program provides for the routine operation of two water treatment plants. The program cost has increased very moderately over the preceding year.

Administration Program

This program contains funds for updating the District's Standard Specifications for flood control and water supply design and the Insurance Project. The budgeted amount of $19,569 is almost identical to the amount approved for the preceding year.

PROGRAM SUMMARY BY PROJECT

Project	PROGRAM					Project Totals
	Planning	Construction	Maintenance	Operations	Administration	
Disposal Sites	$ 6,462					6,462
Insurance					18,095	18,095
Update & Revise Std. Specifications					1,474	1,474
Facility Maintenance Std. Allocated			2,129			2,129
Penitencia Water Treatment Plant	66,367	21,525	196,490			284,382
Santa Teresa Water Treatment Plant	85,494	1,229,181				1,314,675
Rinconada Water Treatment Plant		48,210	35,582			83,792
Control System - PWTP		12,344				12,344
TW Control System Replacement		480,517				480,517
Small Equipment Replacement		10,000				10,000
Water Treatment - General			1,311,357	3,071,607		4,382,964
As-Built Drawings			3,553			3,553
Total	$158,323	1,801,777	1,549,111	3,071,607	19,569	6,600,387



TREATED WATER TRANSMISSION & DISTRIBUTION

BACKGROUND INFORMATION

The Treated Water Transmission and Distribution Cost Center is the fourth of five cost centers within the Water Utility Enterprise. This Cost Center contains all expenditures relating to the distribution of treated water to water utilities and includes costs associated with the treated water reservoirs, pumping systems, pipelines and turnouts.

SUMMARY BY PROGRAM

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Planning	$	454,094	249,683	249,683
Construction	87,514	1,073,780	1,659,831	1,659,831
Maintenance	99,817	181,580	207,990	207,990
Operations	176,175	155,367	191,232	191,232
Administration	6,238	11,252	9,915	9,915
	$369,744	1,876,073	2,318,651	2,318,651

Planning Program

This program provides funds for studies of three new treated water pipelines and a tunnel related to service from the Santa Teresa and Penitencia Water Treatment Plants.

Santa Teresa Tunnel — $11,807

This project encompasses the preparation of an Engineer's Report and EIR for a tunnel through the Santa Teresa Hills connecting the Santa Teresa Water Treatment Plant and the Snell Pipeline.

Greystone Pipeline — $9,227

This project provides for the preparation of an Engineer's Report and EIR on the Greystone Pipeline, a treated water pipeline from the Santa Teresa Water Treatment Plant to San Jose Water Company's distribution system in Camden Avenue.

Snell Pipeline $228,649

This project provides for continuation of the preparation of an Engineer's Report and EIR on the Snell Pipeline from the Santa Teresa Water Treatment Plant and Tunnel to the East Pipeline. The reports will be completed in 1984-85.

Construction Program

This program provides for the acquisition or construction of new physical assets and substantial improvement to the life or value of existing physical assets. The budgeted amount of $1,659,831 includes the following projects:

West Reservoir $145,682

This project provides for geotechnical and hydraulic studies in anticipation of a land exchange and development agreement with the County Parks Department for a treated water reservoir on the west side of the valley. This project will provide storage capacity necessary to insure an adequate supply of water to meet peak flow requirements and it will also provide an emergency water supply in the event the Rinconada Water Treatment Plant must be shut down.

Santa Teresa Tunnel $315,052

This provides funds for the final design, plans and specifications for the tunnel, pipeline, and southern most portion of the Snell Pipeline. Construction is scheduled to be completed in 1988.

West Pipeline $16,985

These funds provide for development of an alarm summary log to monitor hardware malfunctions on the West Pipeline and its control equipment.

Penitencia Delivery Main $143,214

Funds in this project will allow construction and contract administration required for the permanent repairs to the 60-inch delivery main.

Treated Water Control System Replacement $205,941

This provides funds for 30% of the system upgrade. The other 70% is in the water treatment cost center.

Small Equipment Replacement $5,000

This project provides for the replacement of equipment in this Cost Center which is not included in the Replacement Appropriation.

Greystone Pipeline $68,163

This provides for preparation of the final design, plans and specifications of the pipeline. It is the treated water link between the Santa Teresa Water Treatment Plant and San Jose Water Company's existing distribution system.

Snell Pipeline $759,794

This provides funds for design and preparation of final plans and specifications on Stage I of the pipeline to convey treated water between the Santa Teresa Tunnel and the existing East Pipeline.

Maintenance Program

Funds budgeted for this program provide for usual maintenance requirements within the Cost Center. This budget is $26,410 higher than the preceding year. This project also includes 3% of the computerized system development for planned maintenance referred to in the General Information Section.

Operations Program

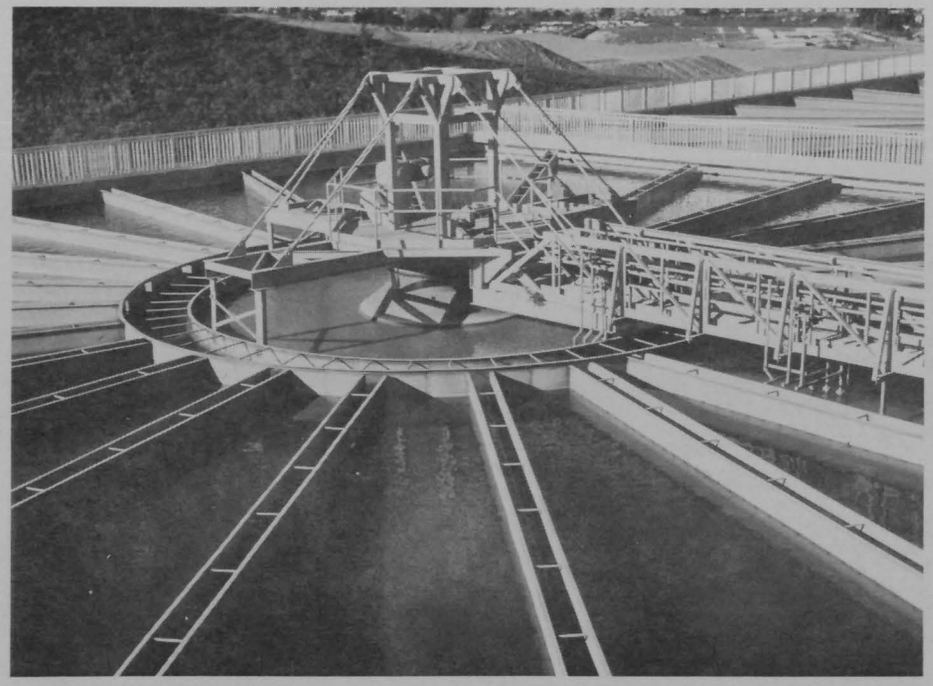
Funds budgeted in this program provide for routine operation of the Treated Water Distribution System. This budget is $35,865 higher than the preceding year. A 50% increase in federal power cost is the primary reason for the increase.

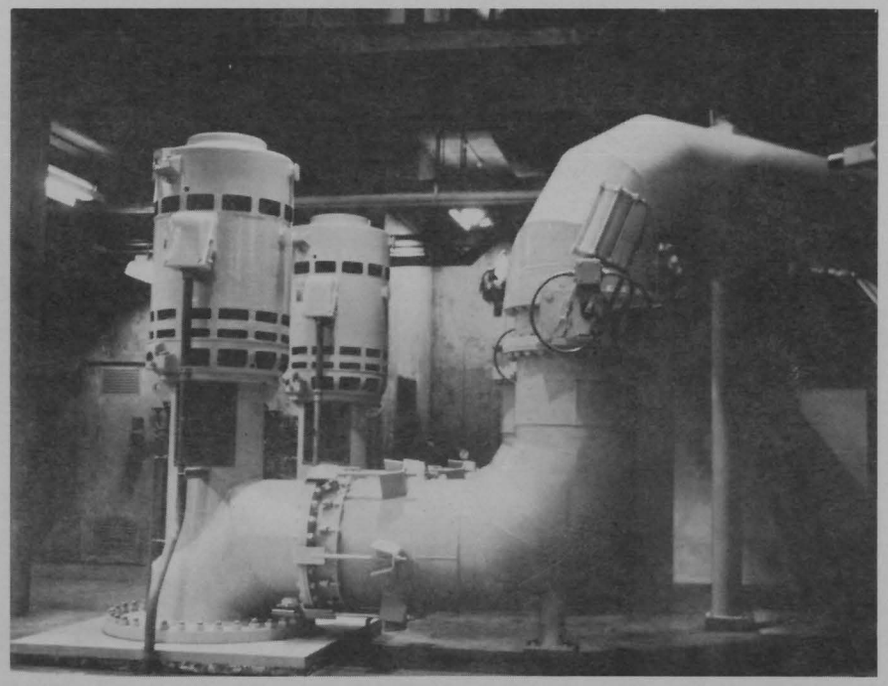
Administration Program

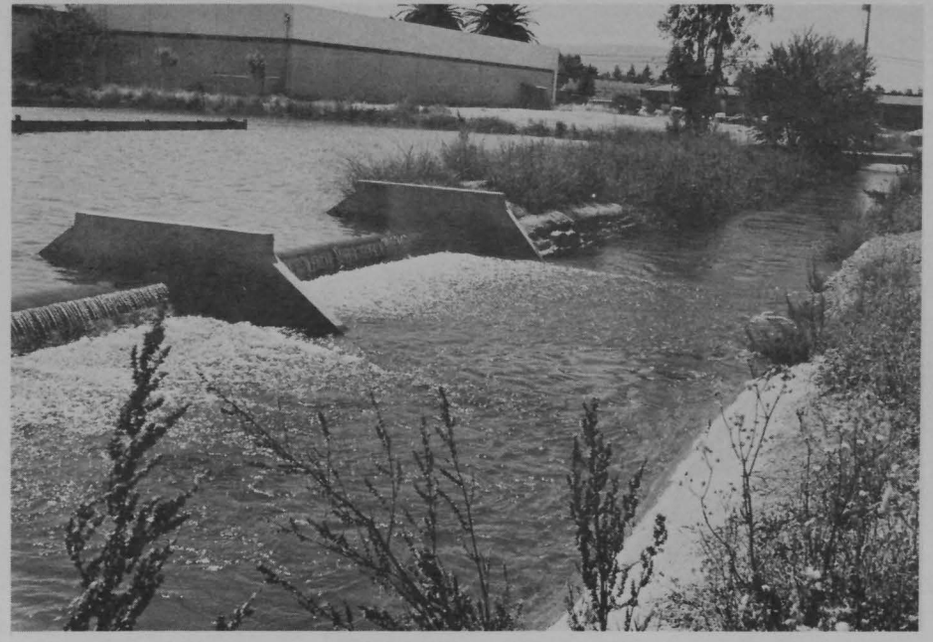
This program includes the Insurance and Cost Center Support Projects. On a comparative basis, this program has decreased $1,337 compared to the preceding year.

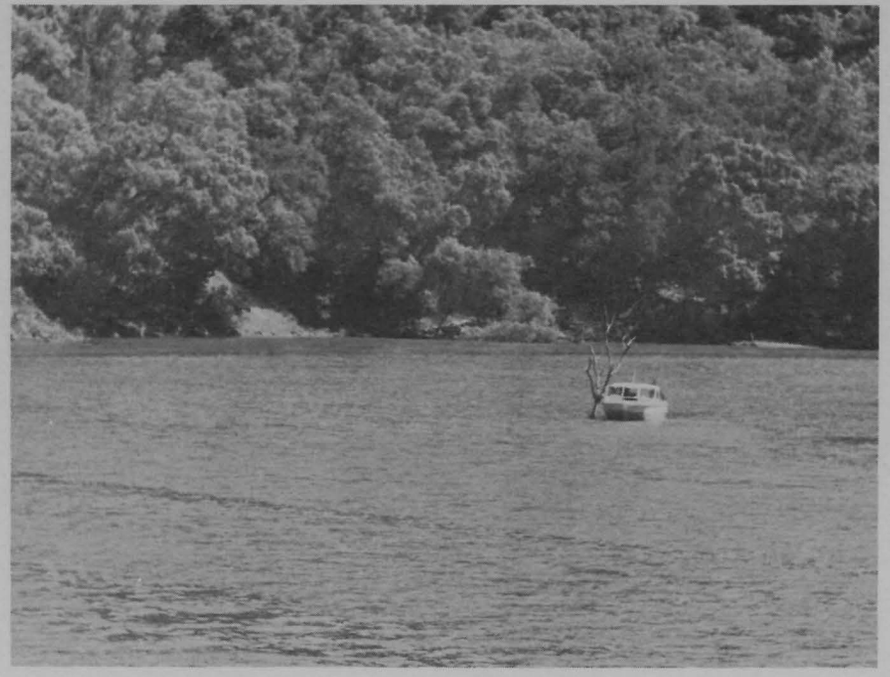
PROGRAM SUMMARY BY PROJECT

Project	PROGRAM					Project Totals
	Planning	Construction	Maintenance	Operations	Administration	
Land Use Review	$			10,137		10,137
Technical Services				1,568		1,568
Insurance					6,227	6,227
Cost Center Support Project					3,688	3,688
Facility Maintenance Std. Allocated			2,136			2,136
West Reservoir		145,682				145,682
Santa Teresa Tunnel	11,807	315,052				326,859
West Pipeline		16,985				16,985
Penitencia Delivery Main		143,214				143,214
Treated Water Contr Sys Replacement		205,941				205,941
Small Equipment Replacement		5,000				5,000
Treated Water T&D - General			202,301	179,527		381,828
As-Built Drawings			3,553			3,553
Greystone Pipeline	9,227	68,163				77,390
Snell Pipeline	228,649	759,794				988,443
Total	$249,683	1,659,831	207,990	191,232	9,915	2,318,651









ADMINISTRATION AND GENERAL

BACKGROUND INFORMATION

The Administration and General Cost Center is the fifth and final Cost Center in the Water Utility Enterprise. It contains all expenditures of an administrative nature which cannot be properly assigned to one of the other four cost centers. Work performed in this Cost Center covers items such as the collection of groundwater charges, financial and cash flow studies, annual reports and general water management planning.

SUMMARY BY PROGRAM

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Planning	$ 731,482	554,972	660,380	660,380
Construction		5,007	10,000	10,000
Maintenance				
Operations	363,342	395,878	468,365	468,365
Administration	137,163	145,105	149,028	149,028
	$1,231,987	1,100,962	1,287,773	1,287,773

Planning Program

Funds budgeted in this program are $105,408 more than the preceding year. Planning projects are:

Water Measurement — $14,933

This project provides funds to complete the investigation of alternatives for improved operation of the meter test facility at the Vasona Pump Station.

Financial and Cash Flow Study — $170,149

This project consists of evaluating the effects on the District's financial position of future expenditures for operations, maintenance and expansion, on the Water Utility System. It also provides funds for the preparation of the Annual Financial Analysis of the Water Utility.

Annual Water Supply Balance — $33,286

This project provides for the continuing analysis of water conditions of the preceding year and the preparation of a report summarizing these findings. The analysis consists of an overall hydrologic balance to determine the net surplus or deficit in groundwater supply and changes in storage. Also included is information on subsidence, saltwater contamination, water quality and summaries of wastewater reclamation project operations.

Water Reclamation Studies $4,907

This project primarily supports the activities of the joint District-DWR Water Reuse Advisory Committee and the District's review and evaluation of other reclamation projects.

Groundwater Model $26,558

This is a continuing project to provide for the maintenance and operation of the District's groundwater models. In 1984-85 efforts will be made to further refine the calibration of the north and south county models. Staff time is provided to make it operational on District equipment, produce a user's manual, extend the data base to the present and use it in basin management.

Water Resources Master Planning $220,172

This project consists of a continuing review of the projected water needs of the various sources of supply including reclaimed water and of the optimization of the distribution of the total supply to meet the need.

Water Quality Studies $190,375

This project contains all the general studies related to water quality being performed by the District. It is composed of three parts: a) short term problem related studies, b) special studies needed to enhance water quality and, c) participation in the Regional WQCB's 205J study "Assessment of Contamination from Leaks of Hazardous Materials in the Santa Clara Valley Groundwater Basin".

Construction Program

Funds budgeted in this program are for equipment needed to provide safe and efficient operations of the Meter Test Facility at Vasona.

Operations Program

Funds budgeted in this program provide for field surveillance of groundwater and surface water facilities, operation of the meter test facility, and meter testing and repair activities. It also provides for the collection of surface and groundwater quality data and for the monitoring of depth to groundwater in the various groundwater basins. The amount budgeted for this fiscal year is $468,365 compared to $395,878 in the preceding fiscal year. Materials for testing are included in the amount of $15,000. Also, $15,000 has been budgeted for sealing monitoring wells no longer needed by the District.

Administration Program

This program includes Cost Center Support and Water Revenue Collection Projects. The amount budgeted for this fiscal year is $149,028 which represents a $3,923 increase compared to the preceding year.

PROGRAM SUMMARY BY PROJECT

Project	PROGRAM					Project Totals
	Planning	Construction	Maintenance	Operations	Administration	
Technical Services	$			2,313		2,313
Cost Center Support Project					24,472	24,472
Water Revenue Administration					124,556	124,556
Water Use Measurement	14,933	10,000		324,087		349,020
Financial and Cash Flow Study	170,149					170,149
Annual Water Supply Balance	33,286					33,286
Water Reclamation Studies	4,907					4,907
Groundwater Model	26,558					26,558
Water Quality Monitoring				66,378		66,378
Groundwater Monitoring				75,587		75,587
Water Resources Master Planning	220,172					220,172
Water Quality Studies	190,375					190,375
Total	$660,380	10,000		468,365	149,028	1,287,773

DISTRICT

DIRECT COSTS

GOVERNMENTAL PROGRAM

FIXED ASSETS

DISTRIBUTED EXPENSES

ADMINISTRATION PROGRAM

SERVICES AND SUPPLIES

The District Cost Center Budget is presented in two parts. The first part contains the budget for Direct Costs. Direct Costs consist of the Governmental Program and Fixed Assets. The second part contains the budget for Distributed Expenses. Distributed Expenses consist of the Administration Program and Service and Supplies.

The primary source of revenues to support the Direct Costs of the District Cost Center is an allocation from the Countywide tax levy.

The District Cost Center can make loans to other cost centers with the approval of the Board of Directors. At June 30, 1984, the South Zone owed the District Cost Center approximately $1,992,000 of which approximately $1,400,000 is reimbursable under the PL 566 Program. Also, in 1983-84, the Board authorized a loan of $300,000 to the East Zone. This amount will be repaid in 1984-85.

REVENUE SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Balance Beginning of Year	$4,676,424	4,059,748	2,700,000	2,669,899
Revenue Sources				
Property Taxes	956,884	974,324	1,013,700	1,009,962
Interest	679,661	440,000	391,640	391,640
Agreements and Advances				
Other	344,648	65,000	368,250	368,250
Total Revenue Sources	1,981,193	1,479,324	1,773,590	1,769,852
Total Available	$6,657,617	5,539,072	4,473,590	4,439,751

OUTLAY SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Governmental Program	$1,012,461	1,062,022	692,941	692,941
Fixed Assets	407,774	767,824	542,474	542,474
Loan to the South Zone	1,059,344	956,800	208,800	208,800
Inter Fund Loan Appropriation		2,222,426	2,261,484	2,227,645
Contingency Appropriation		530,000	500,000	500,000
Special Contingency Appropriation			267,891	267,891
Total Appropriated	2,479,579	5,539,072	4,473,590	4,439,751
Balance End of Year	4,178,038			
Total	$6,657,617	5,539,072	4,473,590	4,439,751

Projects within the Governmental Program are those which cannot be readily identified with Flood Control or Water Utility Cost Centers. They can be categorized as general type projects which support Districtwide activities. Proposed appropriations for fiscal year 1984-85 have decreased $369,081 compared to the preceding year. The Cost Center Support Project was previously budgeted as a Direct Cost. In this budget it is in distributed expense. A comparative summary of expenditures can be found on Exhibit 1, page 67. Projects included in the Governmental Program for 1984-85 are:

Basic Data Collection $325,071

This project provides for the continuing collection storage and publication of basic data items such as precipitation, streamflow quantities, tide elevations, reservoir storage, evaporation and items of a similar nature. There is also included a continuation of the plan to develop computer programs that will make more economical calculations from these data.

Flood Insurance Liaison Study $24,515

This project provides for the continuing liaison with the cities and County relative to their participation in the National Flood Insurance Program and for dissemination of general information to all concerned with the program. The District works with local communities in the development of land use criteria in the floodplain areas and in the review of flood insurance rate studies.

Seismic Evaluation - Administration Bldg. $20,000

This project will provide an inspection and review of the building to determine the ability to function during and after a moderate to major earthquake.

X-Valley Level Circuit $13,556

This project a continuing program to update how much subsidence, if any, has occurred since 1976. It will be a cost sharing arrangement with other agencies, with actual work to be performed by National Geodetic Survey.

Insurance Project $13,588

This project provides the labor necessary to manage the District's Risk Management Program.

Basic Hydrology $70,790

This is a continuing project which consists of analysis of data collected under the Basic Data Collection. The analysis of data assists in determining optimum reservoir operation of our existing reservoir system. Data will continue to be gathered for the purpose of creating historical records which can be used in the analysis of flood management and water supply needs.

Directors' Fees and Expenses $75,400

This project provides for the per diem fees and expenses of the District's Board of Directors.

Legal Projects $58,722

This project provides for the legal services of the District and for other legal costs which cannot be directly related to a specific scope of work in the Flood Control or the Water Utility Cost Centers.

Public Education $67,138

This project provides for a Districtwide program of public information and education. Activities include: preparation of information, displays, brochures, periodic publications for internal and external informational use, providing for tours of District facilities, conducting liaison work with film production, advertising, graphics and contract services related to the District's overall public information requirements, providing public information advice and consultation to District organizational units and to provide written and graphic communication to others.

Records Management System $17,527

This project will provide labor to develop and maintain a records management system which will allow rapid retrieval of resources, cross indexing, security for valuable photos, drawing and files, and maintenance of the system.

Environmental Analysis $6,634

This project provides for review and formal comment on environmental impact reports submitted to the District by outside agencies and general support of environmental impact report activities such as the review and preparation of District environmental impact report guidelines, procedures and community informational meetings relative to the District's environmental impact report process. Also provided is an evaluation and comparison of the impacts of selected major construction projects that occur after completion of the project. It also provides time for staff to determine current accord with CEQA interpretations.

Fixed Assets

Fixed Assets purchased from the District Cost Center are used to support Districtwide activities as a whole. They are the type of expenditure that cannot be identified with or purchased from the funds of any other cost center. Proposed appropriations for fiscal year 1984-85 have decreased $225,350 compared to the preceeding year. A comparative summary of expenditures can be found on Exhibit 2, page 68. Items included in Fixed Assets for 1984-85 are:

Structures and Improvements $33,000

These funds are to provide a crew truck lockable storage building. It will secure the truck and valuable equipment stored on it at night. Funds are also provided a water quality monitoring system in accordance with the hazardous materials storage ordinance.

Office Equipment $76,250

Budgeted funds provide for the acquisition and/or replacement of typewriters and calculators plus the acquisition of a slide projector, an electrostatic platemaker and reproduction machine to copy engineering drawings.

Automotive Equipment $58,825

The budgeted funds will provide one sedan, one stationwagon, one utility van and one 4X4 utility vehicle.

Communications Equipment $80,000

These funds will be used to negotiate a lease purchase for one complete radio communication system. The total system would be installed in FY 84-85, but paid for over a five year plan.

Hydrologic Equipment $18,750

These funds are for the purchase of six Sierra Misco reporting radio precipitation and streamflow gages.

Water Measuring Equipment $18,600

Budgeted funds are for the purchase of six main line propeller meters as replacement of California Water Service remote meters, two main line water speciality meters for exchange on City of Santa Clara wells, ten meters for new well construction and 3 M scopes for depth to water measurements.

Other Equipment $90,400

Items of equipment budgeted are: C.P.R. manikin, an automatic lietz level, an electronic data collector to aid in collection of field data, a manlift platform, an air quality tester required in accordance with CAL-OSHA regulations, an aluminum utility boat, a gas powered drill/spade/jack hammer, a heavy duty flail mower, a medium duty floor jack, a heavy duty battery charger, a 1" drive impact hammer (the three preceding items are for the equipment maintenance shop) and a higher capacity gradall. The replacement portion of this item is budgeted in the equipment working capital fund. Also included is a gas operated back pack blower to remove debris at the treatment plants.

Office Furniture $34,299

The account provides for various desks, chairs, tables, file cabinets for replacement of worn out office furniture and office partitions.

Computer Equipment $132,350

The budgeted amount provides for the deferred annual payment of an approved lease-purchase agreement to acquire the Burroughs B-3800 system. It also provides for purchase of satellite terminal cluster stations needed to augment

similar B-20 equipment purchased last year along with three printers and a 20 megabyte hard disk expansion module, a plotter to display engineering data in a more meaningful fashion, also, funds are provided for a kefll floating point processor and related software, plus a computex system to implement a maintenance data base network. The Flood Emergency System requires three remote interrogation units, a streaming tape drive and a printer.

EXHIBIT 1

SUMMARY OF GOVERNMENTAL PROGRAM PROJECTS

PROJECT	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Basic Data Collection	$ 222,442	332,371	325,071	325,071
Flood Insurance Liaison Study	16,640	21,659	24,515	24,515
Vertical Monumentation	4,137	3,114		
Seismic Evaluation - Administration Bldg.			20,000	20,000
X-Valley Level Circuit		11,557	13,556	13,556
Insurance Project	12,902	13,501	13,588	13,588
Cost Center Support Project	521,333	437,046		
Basic Hydrology	49,504	50,946	70,790	70,790
Directors' Fees and Expenses	32,922	36,000	75,400	75,400
Legal Projects	51,040	58,577	58,722	58,722
Public Education	67,998	63,565	67,138	67,138
Records Management System	29,055	22,955	17,527	17,527
Environmental Analysis	4,488	10,732	6,634	6,634
Program Total	$1,012,461	1,062,023	692,941	692,941

DISTRICT DIRECT COSTS

EXHIBIT 2

SUMMARY OF FIXED ASSET ACCOUNTS

ACCOUNT		Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
1300	Structures & Improvements	$ 66,593	145,500	33,000	33,000
1401	Office Equipment	6,320	35,991	76,250	76,250
1402	Automotive Equipment	46,884	114,100	58,825	58,825
1403	Communications Equipment		80,000	80,000	80,000
1404	Hydrologic Equipment		75,660	18,750	18,750
1405	Water Measuring Equipment		12,500	18,600	18,600
1406	Other Equipment	148,574	52,300	90,400	90,400
1407	Office Furniture	31,399	28,508	34,299	34,299
1408	Computer Equipment	108,004	223,265	132,350	132,350
Total		$407,774	767,824	542,474	542,474

DISTRIBUTED EXPENSE

Distributed Expense is an overhead cost. Overhead consists of the District Cost Center's Administration Program and its Services and Supplies accounts. These expenditures are reimbursed by applying Distributed Expense as an overhead rate to all District labor charged to work performed in other cost centers. Since all costs are reimbursable, expenditures for Distributed Expense do not reduce the revenues of the District Cost Center. Government Code Section 29089 titles this type of expense as Expenditure, Transfers and Reimbursements.

SUMMARY BY PROGRAM

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Administration Program	$4,692,621	5,588,577	6,578,144	6,855,214
Services and Supplies	1,066,874	1,142,034	1,245,381	1,245,381
Total Expenditures	$5,759,495	6,730,611	7,823,525	8,100,595

Administration Program

Administration Program expenditures are those which support Districtwide activities and therefore cannot be charged directly to another cost center or fund. A comparative summary of expenditures can be found on Exhibit 3, page 74. Projects included in the Administration Program for 1984-85 are:

Sick Leave, Vacation, etc. $1,537,398

This project includes all time chargeable to Sick Leave, Vacation, Holidays, Jury Duty, Military Leave, and approved Leave with Pay.

Ordinance Administration $36,790

This project provides for labor necessary to prepare manuals, standards and design aids to assist in the enforcement and application of Ordinance 83-2. The budgeted amount also provides for investigation and resolution of violations to Ordinance 83-2 and to prepare materials to generate public awareness of potential violations.

Cost Center Support Project $451,319

This project provides for all chargeable time to Districtwide support work which cannot be directly related to Flood Control or a Water Utility Cost Center but rather has a benefit to the District as a whole. The following is a list of functions usually found within this project: Personnel Education and Training, Personnel Recruitment, Budget Preparation, Meetings, Administrative Analysis, Updating of Manuals, Personnel Safety, and Geographic Names Study.

General Services $196,063

This project provides for District labor spent in general activities such as purchasing, reproduction and printing services, claims administration, equipment and materials inventory, building maintenance administration and messenger services.

Finance Services $238,180

This project provides financial services for all areas of the District, including Flood Control Zones, Water Utility Enterprise, general governmental activities, revenue, payroll, investments and the Equipment Working Capital Fund. Budget compilation and analyses are also performed in this project.

Secretarial Services $642,099

This project provides for the secretarial and clerical services for the entire District. This includes personnel records, reception services, library services, filing, mail distribution, maintenance of minutes for committees and the Board of Directors, dictation, typing, word processing and other general secretarial services.

Management Project $333,446

This project provides for work performed by various management personnel of the District.

Data Processing - Business, Administrative and Commercial $123,493

This project provides for the systems design, programming, debugging, operations and maintenance of business, administrative, and commercial data processing applications that are of general benefit to the entire District.

Computer Systems Analysis $25,296

This project encompases systems support for all computer applications configuration planning, analysis and development of office systems.

Data Processing Operations $117,877

This project provides for data processing operations required by and associated with the in-house computer facility. This includes the computer operator, data entry operations, and supervisory and technical support for the entire system.

District Headquarters and Facilities $138,109

This project provides for the labor of District employees required to maintain the Administration and Maintenance Headquarters buildings, the Almaden Yard, and other yard facilities.

Employee Benefits $3,015,144

This project provides for funding the employee health insurance, long-term disability, dental insurance, basic life insurance, and retirement program through the Public Employees' Retirement System.

Services and Supplies purchased from the District Cost Center are used to support Districtwide activities as a whole. They are of the type that cannot be identified with or purchased directly from funds of any other cost center. The costs of Services and Supplies are, however, recovered as applied overhead. A comparative summary of expenditures can be found on Exhibit 4, page 75. Items included in Services and Supplies for 1984-85 are:

Communications $100,300

This account provides for all telephone service at the Almaden Complex and the installation of telephone cabling to connect computer terminals and telemetry equipment

Insurance - Workers' Compensation $165,200

This account provides premiums for Workers' Compensation Insurance. The experience rating modification is set at 78 percent of premium computed at basic or scheduled levels.

Insurance - Other $6,000

This account includes premiums for property insurance for Administration Headquarters and Maintenance Buildings and contents, miscellaneous tools, and non-owned aircraft insurance.

Unemployment Insurance $7,500

This account is a requirement of legislation passed during 1977-78. It provides for the cost of unemployment benefits.

Maintenance Services $239,506

This account provides for the contractural agreements and services required for drafting and survey equipment maintenance, maintenance of audio-visual equipment, mobile radio equipment, janitorial services, fire extinguisher and alarm service, pest control service, elevator maintenance, furniture refurbishing, office and copying machine maintenance, air-conditioning and heating maintenance, alterations to the Administration Building, maintenance of the Burroughs computer equipment, contract maintenance of building and grounds, and replacement of redwood facility signs. This account does not include time spent by District employees.

Materials and Supplies $52,295

This account includes funding for supplies for keypunch equipment, lumber, paint, steel pipe, welding supplies, masonry supplies, field survey materials and maintenance requirements for maintaining the Administration and Maintenance Headquarters, and the Almaden Yard.

Memberships $16,984

This account includes funding to provide for various professional and technical memberships in associations which relate to the functions of the District.

Office Expense - General Supplies $59,120

This account includes drafting supplies, notebooks, binders, pencils, graph paper, tab cards, labels, library supplies, computer paper, computer diskettes, drafting supplies, printer ribbons, and other supplies of a general nature.

Office Expense - Reproduction Supplies $23,595

This account includes paper and operating supplies for the various copy machines, bindery supplies, and supplies used for the blueprint machine.

Office Expense - Printing and Binding $32,062

This account provides for outside printing of personnel announcements and brochures; budget divider pages; general business forms, such as letterhead, envelopes, business cards, purchase orders, and requisitions necessary for operation of the District, payroll and general fund checks; W-2 forms; map reproduction; and general printing and binding that cannot be performed by District facilities.

Office Expense - Postage $25,600

This account provides funding for metered mail, miscellaneous postage, and United Parcel Service.

Contract Services - Auditing $1,000

This account provides for the District's share of the annual audit fee of financial transactions. This is the second year of a renewed three-year contract.

Contract Services - Data Processing $53,900

This account provides for computer services which cannot be supplied by the current in-house capability. Included are programming services and analysis, keypunch services to provide for vacations and unusual backlogs, acquisition of software programs of a minor nature and data communications handler maintenance for software systems. This year funds are also budgeted to have a study made for extended review and development of the District's data processing network to effectively meet forseeable needs.

Contract Services - Other $89,595

Budgeted amounts provide for pre-employment physicals and placement testing, graphic arts service, claims service for unemployment compensation, microfilming, updating of the evaluation of the District's buildings and contents, security services for the Administration Building, after hours availability of District cafeteria services, microfiche services, temporary help and software consultant services. In addition, funds are also budgeted for special personnel studies and a roofing consultant.

Publication Fees and Legal Notices $8,550

This account is to provide for recruitment advertising and miscellaneous legal advertising and notices.

Lease Expense - Equipment $24,490

Requested funding provides for the lease of equipment to be used with the Burroughs computer system, duplicating machines, rental of equipment to be used for maintenance of the Administration and Maintenance Buildings and Grounds and the rental of office space in Gilroy.

Small Tools and Instruments $23,870

This account is to provide for general small tools and instruments required by the District.

Special Expense - Education $29,100

This account provides for tuition fees, textbooks and supplies for educational courses, seminars, conferences, and training programs.

Special Expense - Other $105,214

This account provides for the acquisition of publications, library documents, and employee awards as well as for procurement of film, microfilming county records, and other photographic processing. Three director positions will be on the ballot and funds are budgeted to cover these election expenses.

Transportation and Travel - Lodging/Meals $61,500

This account provides funding for authorized travel by the staff while on District business. The budgeted amount also includes lodging and meal expenses.

Utilities $120,000

This funding is to provide utilities at the Almaden Complex. Budgeted amounts include funding for water, gas, electricity, disposal and dump charges, standby charges, and sewer service and use charges.

EXHIBIT 3

SUMMARY OF ADMINISTRATION PROGRAM PROJECTS

PROJECT	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Sick Leave, Vacation, etc.	$1,206,189	1,387,292	1,537,398	1,537,398
Ordinance Administration	26,451	32,272	36,790	36,790
Cost Center Support Project			451,319	451,319
General Services	181,336	186,511	196,063	196,063
Finance Services	190,968	208,743	238,180	238,180
Secretarial Services	502,950	604,885	642,099	642,099
Management Project	322,044	328,571	333,446	333,446
DP - Business Admin. and Com'l.	126,947	131,475	123,493	123,493
Computer Systems Analysis	35,093	24,608	25,296	25,296
Data Processing Operations	68,615	85,028	117,877	117,877
District Headquarters & Fac.	118,480	144,599	138,109	138,109
Employee Benefits	1,913,548	2,454,593	2,738,074	3,015,144
Total	$4,692,621	5,588,577	6,578,144	6,855,214

DISTRICT DISTRIBUTED EXPENSE

EXHIBIT 4

SUMMARY OF SERVICES AND SUPPLIES ACCOUNTS

	ACCOUNT	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
6100	Communication	$ 88,257	86,500	100,300	100,300
6510	Insurance-Workers' Comp.	140,872	165,200	165,200	165,200
6520	Insurance-Other	5,000	6,000	6,000	6,000
6530	Unemployment Insurance	4,760	5,000	7,500	7,500
7200	Maintenance-Services	197,120	236,701	239,506	239,506
7400	Materials and Supplies	53,215	53,800	52,295	52,295
7700	Memberships	29,140	17,036	16,984	16,984
7810	Office Expense-General Supplies	50,842	57,111	59,120	59,120
7820	Office Exp.-Repro. Supplies	18,964	24,040	23,595	23,595
7830	Office Exp.-Printing & Binding	22,922	30,410	32,062	32,062
7840	Office Expense-Postage	25,378	20,600	25,600	25,600
8020	Contract Services-Auditing	2,000	1,000	1,000	1,000
8030	Contract Services-DP	19,027	32,650	53,900	53,900
8060	Contract Services-Other	110,134	120,205	89,595	89,595
8100	Publication Fees & Legal Notices	4,179	6,400	8,550	8,550
8420	Lease Expense-Equipment	17,433	29,442	24,490	24,490
8600	Small Tools & Instruments	18,638	20,355	23,870	23,870
8710	Special Expense-Education	23,644	24,500	29,100	29,100
8730	Special Expense-Other	67,481	35,541	105,214	105,214
9110	Trans. & Trav.-/Lodg./Meals	60,607	49,500	61,500	61,500
9300	Utilities	107,261	120,043	120,000	120,000
Total		$1,066,874	1,142,034	1,245,381	1,245,381

DISTRICT DISTRIBUTED EXPENSE

SERVICE FUND

EQUIPMENT WORKING CAPITAL FUND

REVENUE SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Balance Beginning of Year	$1,271,627	1,028,624	1,050,000	957,060
Revenue Sources				
Equipment Rental	534,110	549,695	605,380	584,960
Interest	188,952	100,700	128,150	128,150
Sale of Equipment	34,562	25,200	60,200	60,200
Total Revenue Sources	757,624	675,595	793,730	773,310
Total Available	$2,029,251	1,704,219	1,843,730	1,730,370

OUTLAY SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Operating Expenses	$ 617,817	677,375	867,488	867,488
Equipment Purchase	261,453	384,500	494,959	494,959
Total Expenditures	879,270	1,061,875	1,362,447	1,362,447
Inter-Fund Adjustment	9,555	9,170	18,502	18,502
Replacement Appropriation	1,140,426	583,174	412,781	299,421
Contingency Appropriation		50,000	50,000	50,000
Total Appropriated	$2,029,251	1,704,219	1,843,730	1,730,370

BACKGROUND INFORMATION

The Equipment Working Capital Fund was established for the purpose of maintaining, operating and replacing three types of mobile equipment owned by the District. Type I Equipment consists of sedans and pickup trucks, Type II Equipment consists of heavy-duty trucks and Type III Equipment consists of heavy-operating equipment such as bulldozers, draglines and other similar types of equipment used for maintenance of District projects.

The Equipment Working Capital Fund is self-supporting with all replacement and maintenance costs being charged by preestablished rates to all projects in the various cost centers. The expenses of the equipment Working Capital Fund are recovered by a mileage rate charged on Type I Equipment and hourly rate charged for Types II and III Equipment.

Equipment Purchase

This Section reflects the cost of all replacement items. The budgeted amount of $494,959 provides for the replacement of the various classes of equipment shown below. The necessary funding is provided by current revenue, supplemented by amounts accumulated for the replacement of equipment items. The items listed for replacement have been selected on the basis of accumulated mileage, obsolescence and planned needs of the District.

Class I Equipment $158,340

Class I Equipment items scheduled for replacement consist of: three compact sedans, one 3/4-ton van, one 1/2-ton 4X4 pickup, five light utility pickups and two 1/2-ton pickups.

Class II Equipment $104,000

Class II equipment items scheduled for replacement consist of: a fence crew truck, a flatbed truck and a dump truck.

Class III Equipment $222,619

Class III equipment items scheduled for replacement consists of: one air compressor and a gradall for which partial funding is budgeted in District fixed assests.

Class IV Equipment $10,000

Class IV items which will need replacing are: pumps, chainsaws, weed eaters and generators.

Operating Expense

The Operating Expense Section of the Equipment Working Capital Fund provides for insurance, materials and supplies, and District labor to service and maintain all equipment items within the fund. It also includes 5% of the computerized system development for planned maintenance referred to in the General Information Section.

SUMMARY OF EQUIPMENT PURCHASE AND OPERATING EXPENSE

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Equipment Purchase				
Class I	100,767	126,000	158,340	158,340
Class II	160,686	229,000	104,000	104,000
Class III		29,500	222,619	222,619
Class IV			10,000	10,000
Operating Expense	627,372	686,545	885,990	885,990
Total Purchase and Expense	$888,825	1,071,045	1,380,949	1,380,949

The Operations and Maintenance Unit Requests:

1 A Jr./Assistant Civil Engineer is needed to review proposed District or private section improvement work, to make necessary engineering analyses of our facilities and to prepare engineered plans for routine maintenance project work.

1 An Equipment Mechanic II is needed to maintain the District's vehicle fleet, heavy equipment and support equipment. This will reduce the amount of contract service presently used to maintain the equipment at a satisfactory level and increase the amount of time equipment is available for productive work.

2

(c) 293 (+) 3 previously approved (+) 7 requested = 303

SANTA CLARA VALLEY WATER DISTRICT
COMPARATIVE BUDGET

REVENUE

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Balance Beginning of Year	$68,768,857	68,844,364	103,900,000	104,394,910
Revenue Sources				
Property Taxes				
Secured	15,279,362	15,388,592	16,328,905	16,164,188
Unsecured	1,777,443	2,049,698	1,892,195	1,832,902
Delinquent	1,381,207	810,690	1,202,100	1,202,100
Interest	10,233,197	6,935,138	12,241,455	12,241,455
Agreements & Advances				
District Loan	1,059,344	956,800	508,800	508,800
Property Rentals	172,532	144,800	201,150	201,150
Bureau of Reclamation			1,002,000	1,002,000
East Bay Municipal Utility District	25,000			
El Camino Hospital	92,842	93,000		
A. B. A. G.				
City of Gilroy	55,442	53,859	52,697	52,697
Gavilan WCD	33,507	33,118	33,118	33,118
NASA-Ames	707,943			
Grants		549,527		
McKesson Chemical	31,649			
Loma Prieta R.C.D.	500	500	500	500
State Water Resources Control Board			70,000	70,000
Regional Water Quality Control Board			40,000	40,000
Public Employees Retirement	312,600			
City of Palo Alto			54,000	54,000
Other	3,679		419,464	419,464
Groundwater Charges	9,965,833	10,940,223	12,599,391	12,599,391
Surface Water Charges	141,867	149,500	90,000	90,000
Treated Water Charges	9,470,277	11,105,445	11,457,535	11,457,535
Reclaimed Water Charges	6,010	31,460	13,000	13,000
Sale of Assets	191,380	25,200	60,200	60,200
Assessment	6,585,588	6,904,695	6,951,000	6,951,000
Miscellaneous	88,306	78,100	176,400	176,400
Total Revenue	57,615,508	56,250,345	65,393,910	65,169,900
Inter-Fund Adjustments	534,110	549,695	605,380	584,960
Total	$126,918,475	125,644,404	169,899,290	170,149,770

SANTA CLARA VALLEY WATER DISTRICT
COMPARATIVE BUDGET

OUTLAY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
District Labor & Overhead	$ 11,295,662	12,601,752	14,014,094	14,014,094
Contract Services	13,796,873	55,320,368	50,380,454	50,380,364
Land & Structures	12,713,804	7,817,675	5,545,275	5,545,275
Equipment	225,639	1,498,831	1,713,768	1,713,768
Subtotal	38,031,978	77,238,626	71,653,591	71,653,501
Loans				
District	1,059,344	956,800	508,800	508,800
Other	62,500			
Debt Service	5,898,000	5,845,542	9,388,913	9,389,003
Inter-Fund Adjustment	564,554	549,695	605,380	605,380
Total Expenditures	45,616,376	84,590,663	82,156,684	82,156,684
Replacement Appropriation		3,389,974	3,514,295	3,400,935
Major Facility Appropriation		3,037,290	3,000,390	4,016,280
In-County Distribution System Approp.		29,453,051	72,879,234	72,261,023
Inter-Fund Loan Appropriation		2,222,426	2,261,484	2,227,645
Contingency Appropriation		2,951,000	2,921,000	2,921,000
*Special Contingency Appropriation			3,166,203	3,166,203
Total Appropriated	45,616,376	125,644,404	169,899,290	170,149,770
Balance End of Year	81,302,099			
Total	$126,918,475	125,644,404	169,899,290	170,149,770

*Appropriation contingency to be used to offset reduced tax revenues should the Taxation Constitutional Amendment (Jarvis), amending Article XIIIA pass on the November 1984 ballot. Should the Taxation Initiative fail, these appropriations will be re-apportioned to projects listed in the General Information Section, page 4.

SANTA CLARA VALLEY WATER DISTRICT
DETAIL OF BUDGET 1984-85

REVENUE SUMMARY

	FLOOD CONTROL ZONES					WATER		EQUIP. WORK	
	Northwest	No. Central	Central	East	South	UTILITY	DISTRICT	CAP. FUND	TOTAL
Balance Beginning of Year	$2,631,554	1,535,839	20,532,862	414,364		75,653,332	2,669,899	957,060	104,394,910
Revenue Sources									
Property Taxes									
Secured	1,068,270	1,418,323	1,512,591	1,462,253	256,629	9,631,120	815,002		16,164,188
Unsecured	162,839	226,156	270,986	251,845	39,379	746,737	134,960		1,832,902
Delinquent	72,000	100,000	118,000	109,000	12,000	731,100	60,000		1,202,100
Interest	420,220	265,480	2,205,680	78,565		8,751,720	391,640	128,150	12,241,455
Agreements & Advances									
City of Palo Alto	54,000								54,000
Loan					208,800		300,000		508,800
Property Rental	155,000	5,000	35,000	5,000	500	650			201,150
Bureau of Reclamation						1,002,000			1,002,000
D.W.R. Reimbursement					419,464				419,464
Gavilan WCD					5,000	28,118			33,118
Loma Prieta R.C.D.					500				500
City of Gilroy						52,697			52,697
State Water Resources Control Board						70,000			70,000
Regional Water Quality Control Board						40,000			40,000
Groundwater Charges						12,599,391			12,599,391
Surface Water Charges						90,000			90,000
Treated Water Charges						11,457,535			11,457,535
Reclaimed Water Sales						13,000			13,000
Sales of Assets								60,200	60,200
Assessment	1,123,000	1,827,000	2,124,000	1,555,000	322,000				6,951,000
Miscellaneous	48,550	1,720	31,700	3,240	10,340	12,600	68,250		176,400
Total Revenue	3,103,879	3,843,679	6,297,957	3,464,903	1,274,612	45,226,668	1,769,852	188,350	65,169,900
Inter-Fund Adjustment:									
Equipment W.C.F.								584,960	584,960
Land Use Review/Admin. Contribution	(154,464)	(206,782)	(225,404)	(216,101)	(36,511)		839,262		
Land Use Review/Admin. Reimbursement	142,922	166,270	186,588	179,666	163,816		(839,262)		
Total	$ 5,723,891	5,339,006	26,792,003	3,842,832	1,401,917	120,880,000	4,439,751	1,730,370	170,149,770

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SANTA CLARA VALLEY WATER DISTRICT
DETAIL OF BUDGET 1984-85

OUTLAY SUMMARY

	FLOOD CONTROL ZONES					WATER		EQUIP. WORK	
	Northwest	No. Central	Central	East	South	UTILITY	DISTRICT	CAP. FUND	TOTAL
District Labor & Overhead	$ 1,157,100	966,777	1,409,917	828,685	877,390	7,871,444	478,503	424,278	14,014,094
Contract Services	2,829,081	2,077,484	21,002,444	1,105,019	77,749	22,652,577	192,800	443,210	50,380,364
Land & Structures	395,975	51,700	2,601,500	113,250		2,349,850	33,000		5,545,275
Equipment						709,335	509,474	494,959	1,713,768
Subtotal	4,382,156	3,095,961	25,013,861	2,046,954	955,139	33,583,206	1,213,777	1,362,447	71,653,501
Loans									
District				300,000			208,800		508,800
Debt Service	213,919	738,415				8,436,669			9,389,003
Inter-Fund Adjustment	59,651	76,146	78,860	76,762	41,546	232,275	21,638	18,502	605,380
Total Expenditures	4,655,726	3,910,522	25,092,721	2,423,716	996,685	42,252,150	1,444,215	1,380,949	82,156,684
Replacement Appropriation						3,101,514		299,421	3,400,935
Major Facilities Appropriation	697,206	980,548	1,045,894	968,217	324,415				4,016,280
In-County Distribution Sys. Approp.						72,261,023			72,261,023
Inter-Fund Loan Appropriation							2,227,645		2,227,645
Contingency Appropriation	10,000	10,000	100,000	10,000	1,000	2,240,000	500,000	50,000	2,921,000
*Special Contingency Approp.	360,959	437,936	553,388	440,899	79,817	1,025,313	267,891		3,166,203
Total Appropriated	5,723,891	5,339,006	26,792,003	3,842,832	1,401,917	120,880,000	4,439,751	1,730,370	170,149,770
Balance End of Year									
Total	$ 5,723,891	5,339,006	26,792,003	3,842,832	1,401,917	120,880,000	4,439,751	1,730,370	170,149,770

*Appropriation contingency to be used to offset reduced tax revenues should the Taxation Constitutional Amendment (Jarvis), amending Article XIIIA pass on the November 1984 ballot. Should the Taxation Initiative fail, these appropriations will be re-apportioned to projects listed in the General Information Section, page 4.

STATUS OF BONDED INDEBTEDNESS

	Total Amount Sold	Date of Issue	Average Interest Rate	Outstanding as of 6/30/84	1984-85 Redemption Principal	1984-85 Redemption Interest	Total
Northwest Zone							
Series A	$ 2,625,000	1/1/57	3.466%	$ 425,000	100,000	13,408	113,408
Series B	2,304,000	7/1/58	3.330%	429,000	90,000	10,511	100,511
	4,929,000			854,000	190,000	23,919	213,919
North Central Zone							
Series A	4,000,000	1/1/64	3.383%	1,910,000	160,000	56,655	216,655
Series B	5,000,000	7/1/65	3.320%	2,535,000	185,000	74,147	259,147
Series C	3,750,000	8/1/73	5.492%	3,080,000	90,000	172,613	262,613
	12,750,000			7,525,000	435,000	303,415	738,415
Water Utility							
Series A	15,500,000	1/1/64	3.463%	9,240,000	360,000	334,783	694,783
Series B	14,200,000	6/1/66	3.885%	10,900,000	280,000	427,969	707,969
Series C	3,500,000	8/1/68	4.834%	2,825,000	60,000	134,869	194,869
Series D	8,850,000	3/1/72	5.285%	7,785,000	125,000	422,395	547,395
	42,050,000			30,750,000	825,000	1,320,016	2,145,016
Revenue Bonds							
Series B	21,000,000	4/1/80	9.447%	19,110,000	920,000	1,796,570	2,716,570
Series C	33,000,000	5/1/84	9.713%	33,000,000	100,000	3,475,083	3,575,083
	54,000,000			52,110,000	1,020,000	5,271,653	6,291,653
Combined Total	$113,729,000			$91,239,000	2,470,000	6,919,003	9,389,003

REVENUE SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Balance Beginning of Year	$ 3,560,257	3,949,236	2,500,000	2,631,554
Revenue Sources				
Property Taxes	1,257,951	1,254,133	1,329,165	1,291,567
Interest	441,239	306,000	420,220	420,220
Agreements and Advances		93,000	209,000	209,000
Assessment	1,046,637	1,122,309	1,123,000	1,123,000
Other	936,093	115,000	48,550	48,550
Total Revenue Sources	3,681,920	2,890,442	3,129,935	3,092,337
Total Available	$ 7,242,177	6,839,678	5,629,935	5,723,891

OUTLAY SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Planning	$ 81,224	203,348	272,616	272,616
Construction	1,754,082	4,472,651	3,114,644	3,114,644
Maintenance	939,175	941,347	878,073	878,073
Operations	88,133	100,822	101,119	101,119
Administration	38,247	49,976	75,355	75,355
Total Program Outlay	2,900,861	5,768,144	4,441,807	4,441,807
Debt Service	221,976	215,485	213,919	213,919
Major Facility Appropriation		846,049	603,250	697,206
Contingency Appropriation		10,000	10,000	100,00
Special Contingency Appropriation			360,959	360,959
Total Appropriated	3,122,837	6,839,678	5,629,935	5,723,891
Balance End of Year	4,119,340			
Total	$ 7,242,177	6,839,678	5,629,935	5,723,891

BACKGROUND INFORMATION

The Northwest Zone is defined by geographic boundaries encompassing the tributaries and watersheds of San Francisquito Creek, Matadero Creek, Barron Creek, Adobe Creek, Stevens Creek and Permanente Creek. Also included in this zone is Stevens Creek Reservoir. The geographic area includes the Cities of Palo Alto, Los Altos, Los Altos Hills and Mountain View and portions of Cupertino and Sunnyvale.

REVENUE SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Balance Beginning of Year	$2,763,669	2,739,501	1,200,000	1,535,839
Revenue Sources				
Property Taxes	1,652,746	1,647,528	1,764,468	1,703,967
Interest	276,833	191,000	265,480	265,480
Agreements and Advances			5,000	5,000
Assessment	1,699,260	1,833,786	1,827,000	1,827,000
Other	2,210	200	1,720	1,720
Total Revenue Sources	3,631,049	3,672,514	3,863,668	3,803,167
Total Available	$6,394,718	6,412,015	5,063,668	5,339,006

OUTLAY SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Planning	$ 73,225	52,286	155,228	155,228
Construction	1,518,391	2,333,581	1,058,926	1,058,926
Maintenance	988,086	2,193,878	1,740,687	1,740,687
Operations	105,174	130,122	129,159	129,159
Administration	39,135	51,652	88,107	88,107
Total Program Outlay	2,724,011	4,761,519	3,172,107	3,172,107
Debt Service	742,248	735,740	738,415	738,415
Major Facility Appropriation		904,756	705,210	980,548
Contingency Appropriation		10,000	10,000	10,000
Special Contingency Appropriation			437,936	437,936
Total Appropriated	3,466,259	6,412,015	5,063,668	5,339,006
Balance End of Year	2,928,459			
Total	$6,394,718	6,412,015	5,063,668	5,339,006

BACKGROUND INFORMATION

The North Central Zone is defined by geographic boundaries encompassing the tributaries and watersheds of the Guadalupe Slough, Sunnyvale West Outfall, Sunnyvale East Outfall, Calabazas Creek, San Tomas Aquino Creek and Saratoga Creek. The geographic area includes the City of Saratoga and portions of the Cities of Sunnyvale, Santa Clara, Campbell, Cupertino, Monte Sereno, San Jose and the Town of Los Gatos.

REVENUE SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Balance Beginning of Year	$18,761,600	19,762,757	20,300,000	20,532,862
Revenue Sources				
Property Taxes	1,798,790	1,765,198	1,830,529	1,862,761
Interest	2,795,338	1,895,600	2,205,680	2,205,680
Agreements and Advances			35,000	35,000
Assessment	1,996,938	2,122,587	2,124,000	2,124,000
Other	45,758	26,000	31,700	31,700
Total Revenue Sources	6,636,824	5,809,385	6,226,909	6,259,141
Total Available	$25,398,424	25,572,142	26,526,909	26,792,003

OUTLAY SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Planning	$ 228,147	523,699	390,532	390,532
Construction	1,547,878	22,005,765	23,037,498	23,037,498
Maintenance	1,131,956	1,975,971	1,433,521	1,433,521
Operations	126,360	143,032	152,532	152,532
Administration	34,561	40,401	78,638	78,638
Total Program Outlay	3,068,902	24,688,868	25,092,721	25,092,721
Debt Service				
Major Facility Appropriation		783,274	780,800	1,045,894
Contingency Appropriation		100,000	100,000	100,000
Special Contingency Appropriation			553,388	553,388
Total Appropriated	3,068,902	25,572,142	26,526,909	26,792,003
Balance End of Year	22,329,522			
Total	$25,398,424	25,572,142	26,526,909	26,792,003

BACKGROUND INFORMATION

The Central Zone is defined by geographic boundaries encompassing the tributaries and watersheds of the Guadalupe River. The major tributaries are Los Gatos Creek, Canoas Creek, Ross Creek, Guadalupe Creek and Alamitos Creek. Also included in this zone are Calero, Almaden, Guadalupe, Lexington and Vasona Reservoirs. The geographic area includes portions of the Cities of Santa Clara, San Jose, Campbell, Monte Sereno and the Town of Los Gatos.

REVENUE SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Balance Beginning of Year	$2,454,421	1,194,425	50,000	414,364
Revenue Sources				
Property Taxes	1,684,781	1,679,966	1,756,270	1,786,663
Interest	227,083	187,300	78,565	78,565
Agreements and Advances			5,000	5,000
Assessment	1,455,685	1,524,469	1,555,000	1,555,000
Other	6,262	4,700	3,240	3,240
Total Revenue Sources	3,373,811	3,396,435	3,398,075	3,428,468
Total Available	$5,828,232	4,590,860	3,448,075	3,842,832

OUTLAY SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Planning	$ 195,346	46,758	101,898	101,898
Construction	1,248,902	2,760,974	966,130	966,130
Maintenance	1,229,169	1,240,977	838,937	838,937
Operations	140,482	163,917	144,096	144,096
Administration	36,638	41,551	72,655	72,655
Total Program Outlay	2,850,537	4,254,177	2,123,716	2,123,716
Loan			300,000	300,000
Major Facility Appropriation		326,683	573,460	968,217
Contingency Appropriation		10,000	10,000	10,000
Special Contingency Appropriation			440,899	440,899
Total Appropriated	2,850,537	4,590,860	3,448,075	3,842,832
Balance End of Year	2,977,695			
Total	$5,828,232	4,590,860	3,448,075	3,842,832

BACKGROUND INFORMATION

The East Zone is defined by geographic boundaries encompassing the tributaries and watersheds of Coyote Creek. The major tributaries are Lower Penitencia Creek, Scott Creek, Berryessa Creek, Upper Penitencia Creek, Silver Creek, Thompson Creek, Fisher Creek and Packwood Creek. Also included in this zone are Anderson and Coyote Reservoirs. The geographic area includes the City of Milpitas and portions of the Cities of San Jose and Morgan Hill.

REVENUE SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Balance Beginning of Year	$ 17,859			
Revenue Sources				
Property Taxes	292,020	434,958	448,568	435,313
Interest				
Agreements and Advances			425,464	425,464
Assessment	387,068	301,544	322,000	322,000
Other	1,103,665	962,300	219,140	219,140
Total Revenue Sources	1,782,753	1,698,802	1,415,172	1,401,917
Total Available	$1,800,612	1,698,802	1,415,172	1,401,917

OUTLAY SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Planning	$ 18,100	31,769	24,963	24,963
Construction	1,008,262	931,911	525,860	525,860
Maintenance	476,078	389,662	267,006	267,006
Operations	91,778	129,361	129,025	129,025
Administration	27,250	38,571	49,831	49,831
Total Program Outlay	$ 1,621,468	1,521,274	996,685	996,685
Debt Service				
Major Facility Appropriation		176,528	337,670	324,415
Contingency Appropriation		1,000	1,000	1,000
Special Contingency Appropriation			79,817	79,817
Total Appropriated	1,621,468	1,698,802	1,415,172	1,401,917
Balance End of Year	179,144			
Total	$ 1,800,612	1,698,802	1,415,172	1,401,917

BACKGROUND INFORMATION

The South Zone is defined by geographic boundaries encompassing the tributaries and watersheds of the Pajaro River in Santa Clara County. The major tributaries are Little Llagas Creek, Llagas Creek, West Branch of the Llagas Creek, Uvas-Carnadero Creek, Pescadero Creek and Pacheco Creek. The zone includes the City of Gilroy and portions of the Cities of San Jose and Morgan Hill.

REVENUE SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final* 1984-85
Balance Beginning of Year	$35,263,000	36,110,073	76,100,000	75,653,332
Revenue Sources				
Property Taxes	10,794,840	10,492,873	11,280,500	11,108,957
Interest	5,624,091	3,814,538	8,751,720	8,751,720
Agreements and Advances	165,908	631,504	1,193,465	1,193,465
Groundwater Charges	9,965,833	10,940,223	12,599,391	12,599,391
Surface Water Charges	141,867	149,500	90,000	90,000
Reclaimed Water Sales	6,010	31,460	13,000	13,000
Treated Water Sales	9,470,277	11,105,445	11,457,535	11,457,535
Bond Sales				
Miscellaneous	135,618	12,000	12,600	12,600
Total Revenue Sources	36,304,444	37,177,543	45,398,211	45,226,668
Total Available	$71,567,444	73,287,616	121,498,211	120,880,000

OUTLAY SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Planning	$ 1,249,798	2,761,265	1,791,124	1,791,124
Construction	10,620,439	13,915,960	12,398,657	12,398,657
Maintenance	2,688,092	6,136,787	6,676,564	6,676,564
Operations	7,707,196	10,322,566	12,267,202	12,267,202
Administration	918,668	756,870	681,934	681,934
Total Program Outlay	23,184,193	33,893,448	33,815,481	33,815,481
Debt Service	4,933,776	4,894,317	8,436,669	8,436,669
Replacement Appropriation		2,806,800	3,101,514	3,101,514
In-County Distribution System Approp		29,453,051	72,879,234	72,261,023
Contingency Appropriation		2,240,000	2,240,000	2,240,000
Special Contingency Appropriation			1,025,313	1,025,313
Total Appropriated	28,117,969	73,287,616	121,498,211	120,880,000
Balance End of Year	43,449,475			
Total	71,567,444	73,287,616	121,498,211	120,880,000

COST CENTER EXPENDITURE SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Source of Supply	$ 7,611,607	13,283,108	16,877,632	16,877,632
Raw Water T&D	8,996,804	11,502,927	6,731,038	6,731,038
Water Treatment	4,974,051	6,130,378	6,600,387	6,600,387
Treated Water T&D	369,744	1,876,073	2,318,651	2,318,651
Administration & General	1,231,987	1,100,962	1,287,773	1,287,773
Total	$ 23,184,193	33,893,448	33,815,481	33,815,481

PROGRAM EXPENDITURE SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Planning	$ 1,249,798	2,761,265	1,791,124	1,791,124
Construction	10,620,439	13,915,960	12,398,657	12,398,657
Maintenance	2,688,092	6,136,787	6,676,564	6,676,564
Operations	7,707,196	10,322,566	12,267,202	12,267,202
Administration	918,668	756,870	681,934	681,934
	$ 23,184,193	33,893,448	33,815,481	33,815,481

WATER UTILITY TAX REVENUE SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Water Fund				
Secured	$ 2,063,468	2,213,156	2,498,900	2,426,002
Unsecured	247,642	307,613	391,580	401,721
Delinquent	197,192	163,200	175,000	175,000
Total	2,508,302	2,683,969	3,065,480	3,002,723
Zone W-3				
Secured	73,818	79,442	89,180	88,499
Unsecured	8,824	10,584	13,440	13,815
Delinquent	5,429	4,500	6,100	6,100
Total	88,071	94,526	108,720	108,414
Zone W-4				
Secured	498,916	536,129	601,700	586,195
Unsecured	60,030	74,875	95,025	97,624
Delinquent	48,118	41,000	42,000	42,000
Total	607,064	652,004	738,725	725,819
State Water Project				
Secured	5,013,077	4,540,000	4,593,000	4,593,000
Unsecured	110,223	187,096	231,775	185,413
Delinquent	203,992	85,000	350,000	350,000
Total	5,327,292	4,812,096	5,174,775	5,128,413
Debt Service				
W-1, Secured	2,072,955	2,053,134	1,937,425	1,937,425
W-1, Unsecured	62,441	79,144	97,375	48,163
W-1, Delinquent	122,828	118,000	158,000	158,000
SCVWCD, Secured				
SCVWCD, Unsecured	108			
SCVWCD, Delinquent	5,779			
Total	2,264,111	2,250,278	2,192,800	2,143,588
TOTAL ALL FUNDS	$10,794,840	10,492,873	11,280,500	11,108,957

WATER UTILITY RATE SUMMARY

	1981-82	1982-83	1983-84	1984-85
Groundwater				
Agricultural	17.50	18.75	20.00	21.25
Nonagricultural	70.00	75.00	80.00	85.00
Treated Water				
Contract (Scheduled)	130.00	140.00	150.00	160.00
Non-Contract	86.00	100.00	105.00	110.00
Untreated Water				
Agricultural	17.50	18.75	20.00	21.25
Nonagricultural	70.00	75.00	80.00	85.00
Water Master	7.00	8.00	8.00	9.00
Power (Evergreen System)	28.00	33.00	35.00	32.00
Power (Half Road/Coyote Madrone System)	10.00	-	4.00	4.00
Minimum Charge	49.00	53.00	56.00	60.00
Capital Cost (Half Road/Coyote Madrone System)	2.75	2.75	2.75	2.75
Reclaimed Water				
Palo Alto Reclamation Facility				
Basic User Charge				
Agricultural	17.50	18.75	20.00	34.25
Nonagricultural	70.00	75.00	80.00	98.00
Water Master Service Charge	7.00	8.00	8.00	9.00
Power Charge	4.00	4.00	4.00	4.00
Gilroy Reclamation Facility				
Agricultural	20.00	20.00	20.00	20.00
Nonagricultural	80.00	80.00	80.00	80.00

THE DISTRICT COST CENTER

The District Cost Center Budget is presented in two parts. The first part contains the budget for Direct Costs. Direct Costs consist of the Governmental Program and Fixed Assets. The second part contains the budget for Distributed Expenses. Distributed Expenses consist of the Administration Program and Service and Supplies.

The primary source of revenues to support the Direct Costs of the District Cost Center is an allocation from the Countywide tax levy.

The District Cost Center can make loans to other cost centers with the approval of the Board of Directors. At June 30, 1984, the South Zone owed the District Cost Center approximately $1,992,000 of which approximately $1,400,000 is reimbursable under the PL 566 Program. Also, in 1983-84, the Board authorized a loan of $300,000 to the East Zone. This amount will be repaid in 1984-85.

REVENUE SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Balance Beginning of Year	$4,676,424	4,059,748	2,700,000	2,669,899
Revenue Sources				
Property Taxes	956,884	974,324	1,013,700	1,009,962
Interest	679,661	440,000	391,640	391,640
Agreements and Advances				
Other	344,648	65,000	368,250	368,250
Total Revenue Sources	1,981,193	1,479,324	1,773,590	1,769,852
Total Available	$6,657,617	5,539,072	4,473,590	4,439,751

OUTLAY SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Governmental Program	$1,012,461	1,062,022	692,941	692,941
Fixed Assets	407,774	767,824	542,474	542,474
Loan to the South Zone	1,059,344	956,800	208,800	208,800
Inter Fund Loan Appropriation		2,222,426	2,261,484	2,227,645
Contingency Appropriation		530,000	500,000	500,000
Special Contingency Appropriation			267,891	267,891
Total Appropriated	2,479,579	5,539,072	4,473,590	4,439,751
Balance End of Year	4,178,038			
Total	$6,657,617	5,539,072	4,473,590	4,439,751

REVENUE SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Balance Beginning of Year	$1,271,627	1,028,624	1,050,000	957,060
Revenue Sources				
Equipment Rental	534,110	549,695	605,380	584,960
Interest	188,952	100,700	128,150	128,150
Sale of Equipment	34,562	25,200	60,200	60,200
Total Revenue Sources	757,624	675,595	793,730	773,310
Total Available	$2,029,251	1,704,219	1,843,730	1,730,370

OUTLAY SUMMARY

	Actual 1982-83	Approved 1983-84	Requested 1984-85	Final 1984-85
Operating Expenses	$ 617,817	677,375	867,488	867,488
Equipment Purchase	261,453	384,500	494,959	494,959
Total Expenditures	879,270	1,061,875	1,362,447	1,362,447
Inter-Fund Adjustment	9,555	9,170	18,502	18,502
Replacement Appropriation	1,140,426	583,174	412,781	299,421
Contingency Appropriation		50,000	50,000	50,000
Total Appropriated	$2,029,251	1,704,219	1,843,730	1,730,370

BACKGROUND INFORMATION

The Equipment Working Capital Fund was established for the purpose of maintaining, operating and replacing three types of mobile equipment owned by the District. Type I Equipment consists of sedans and pickup trucks, Type II Equipment consists of heavy-duty trucks and Type III Equipment consists of heavy-operating equipment such as bulldozers, draglines and other similar types of equipment used for maintenance of District projects.

The Equipment Working Capital Fund is self-supporting with all replacement and maintenance costs being charged by preestablished rates to all projects in the various cost centers. The expenses of the equipment Working Capital Fund are recovered by a mileage rate charged on Type I Equipment and hourly rate charged for Types II and III Equipment.